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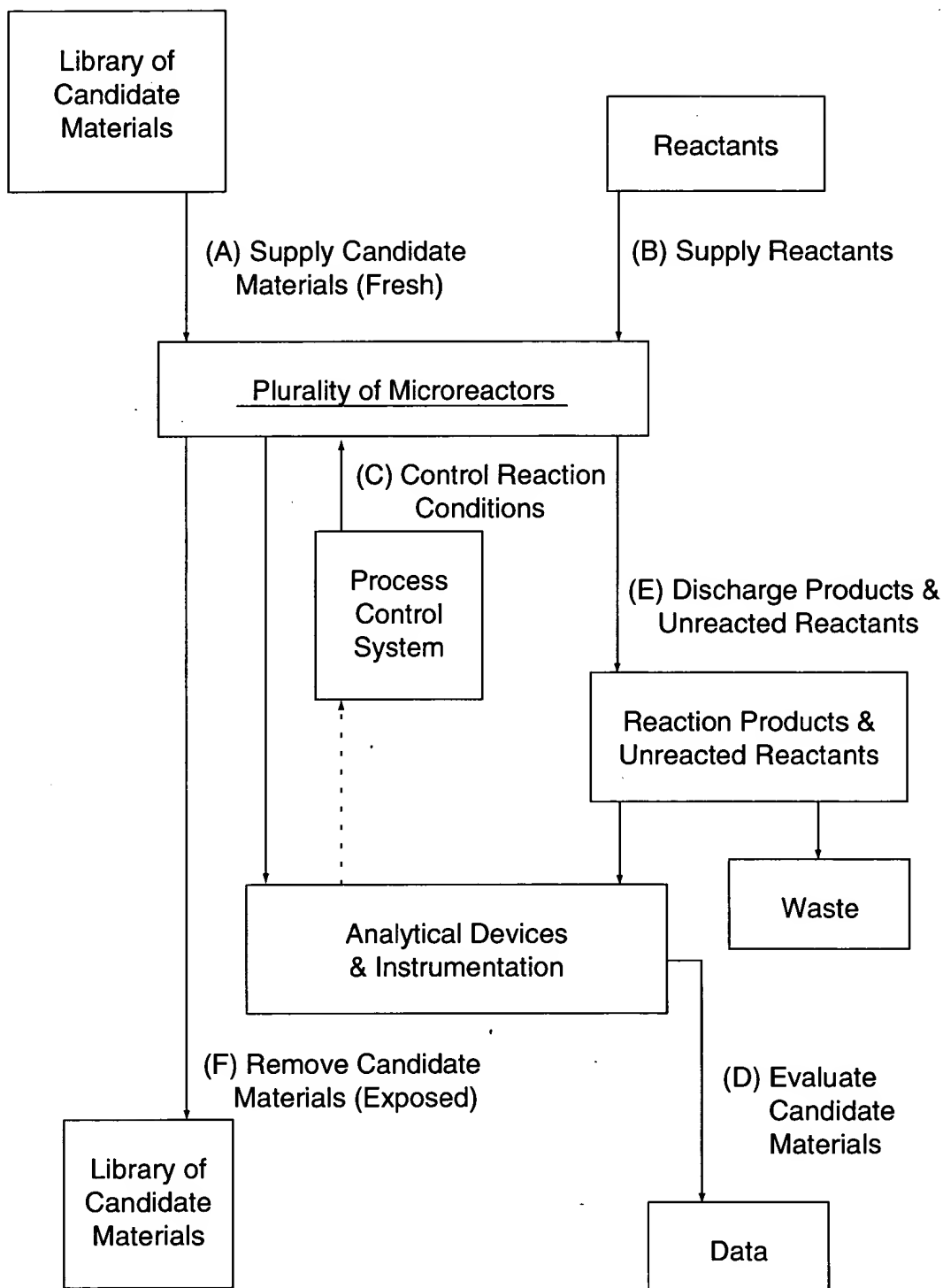


Fig. 1A

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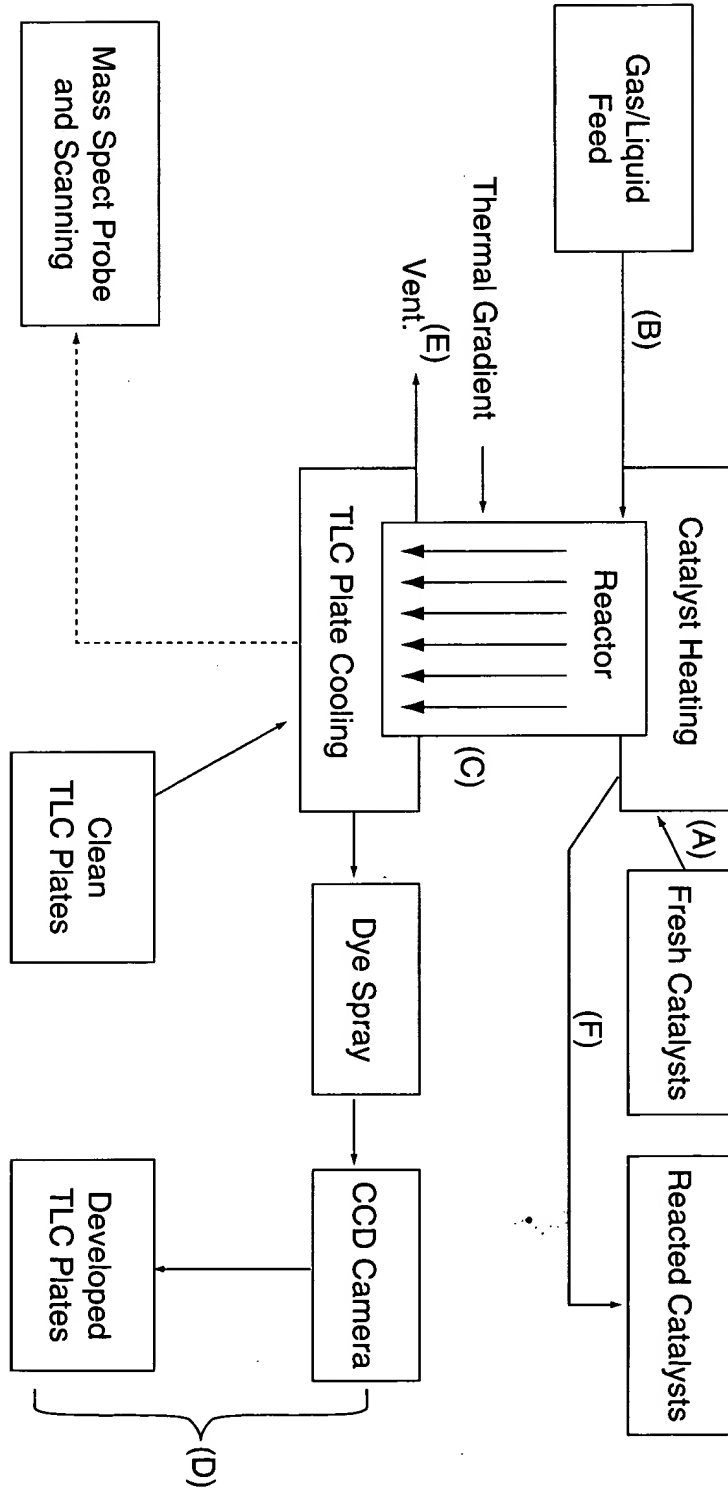


Fig. 1B



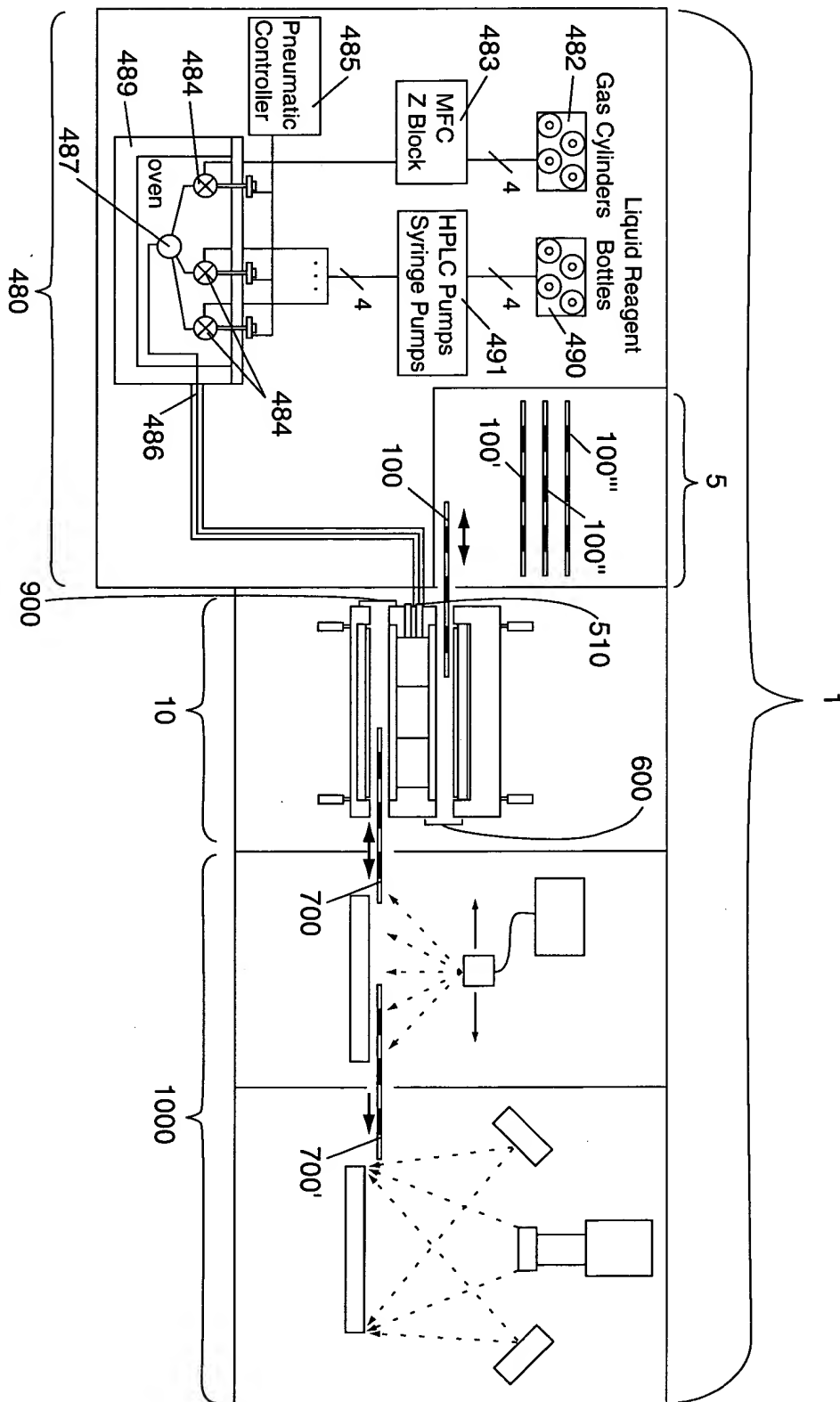


Fig. 1C

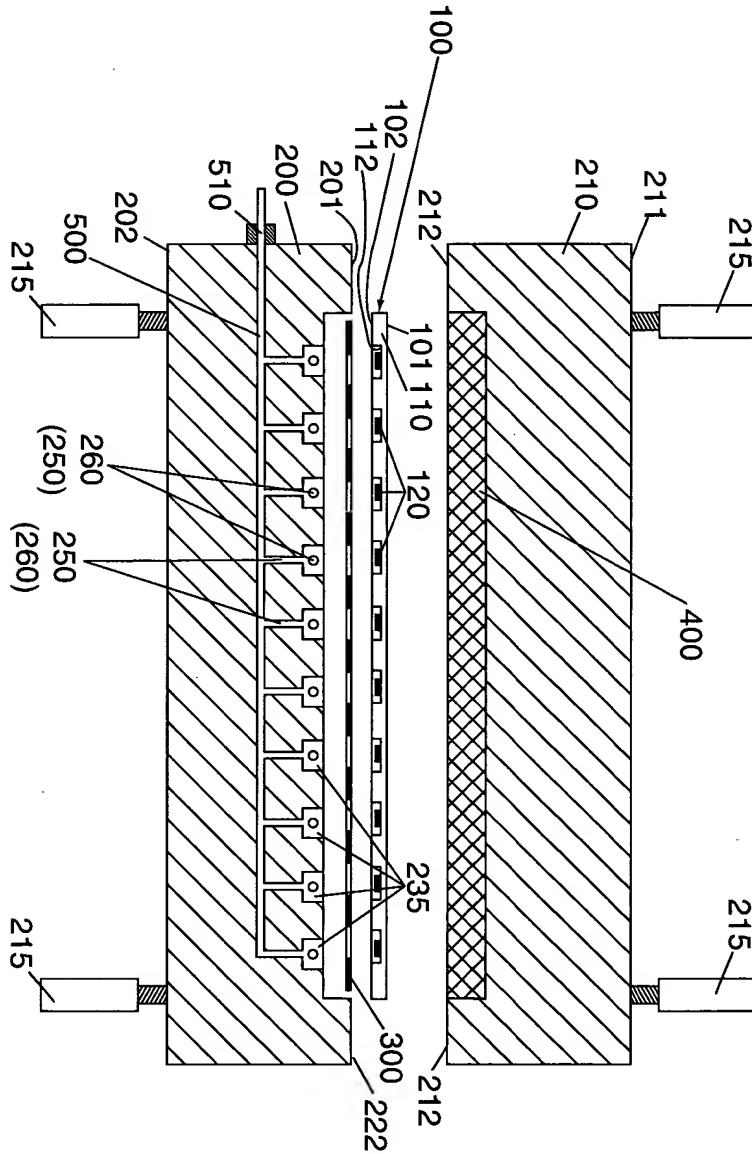
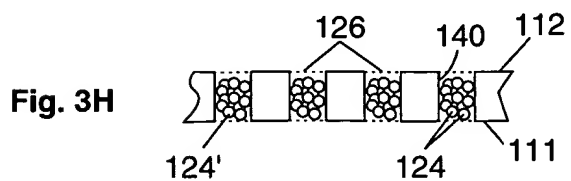
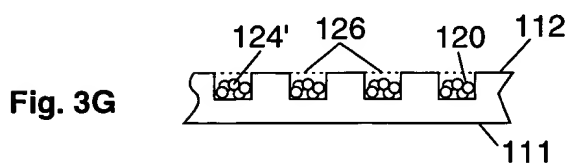
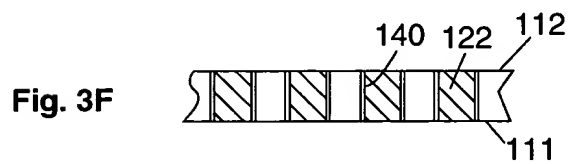
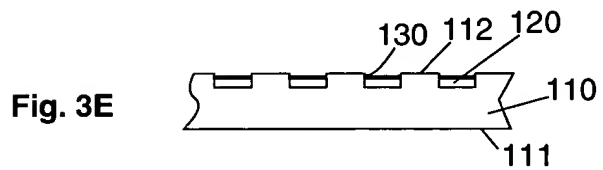
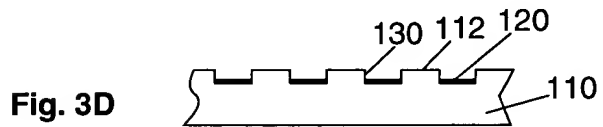
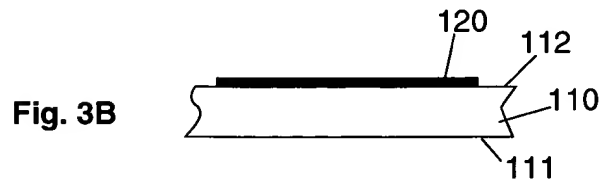
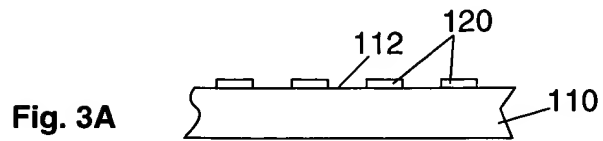


Fig 2



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Fig. 4A

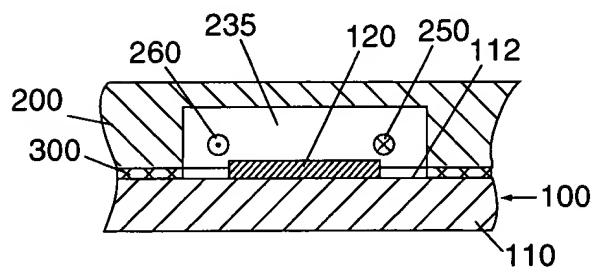


Fig. 4B

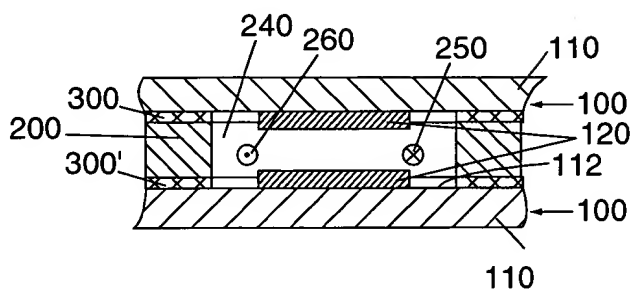


Fig. 4C

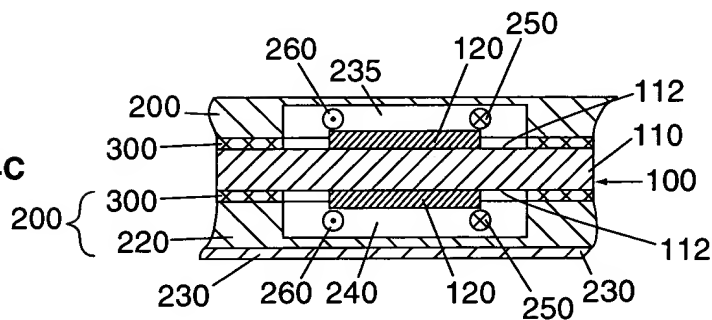


Fig. 4D

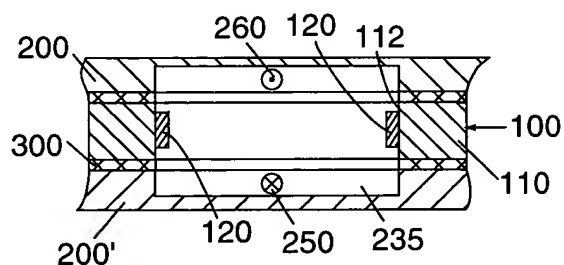
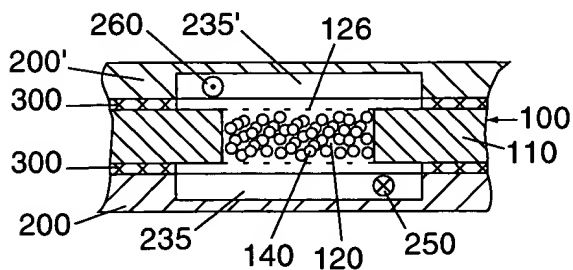


Fig. 4E





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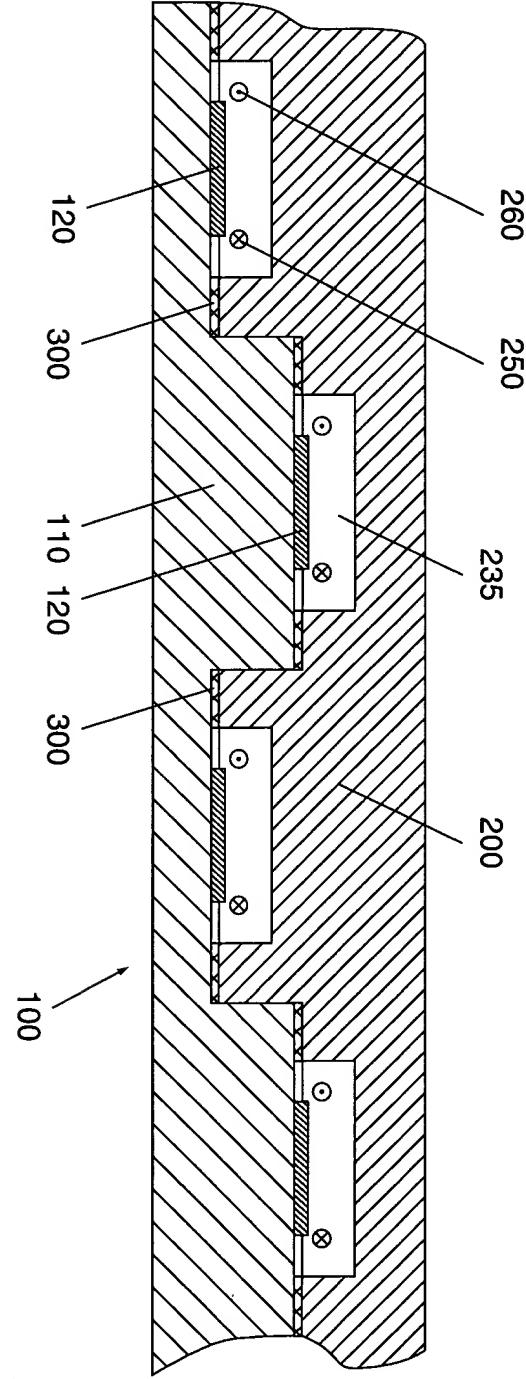


Fig. 5



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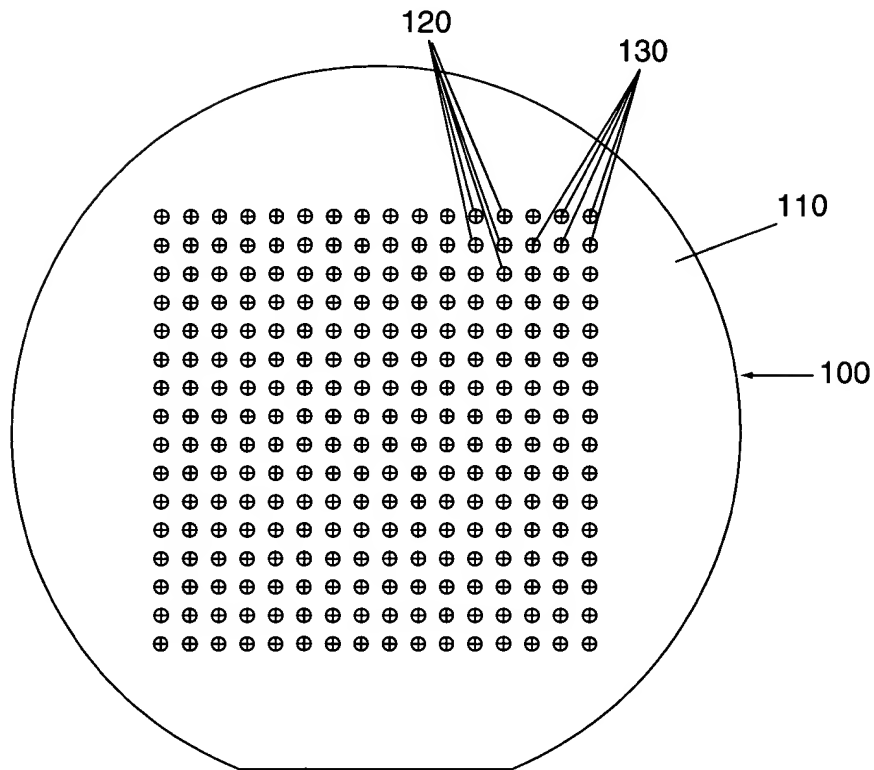


Fig. 6A

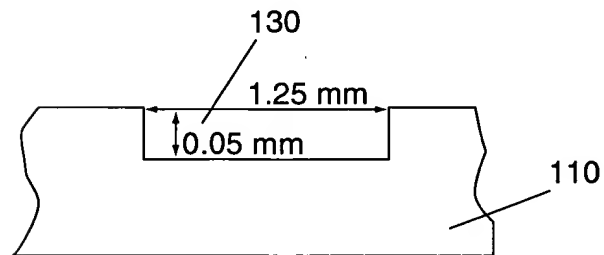


Fig. 6B



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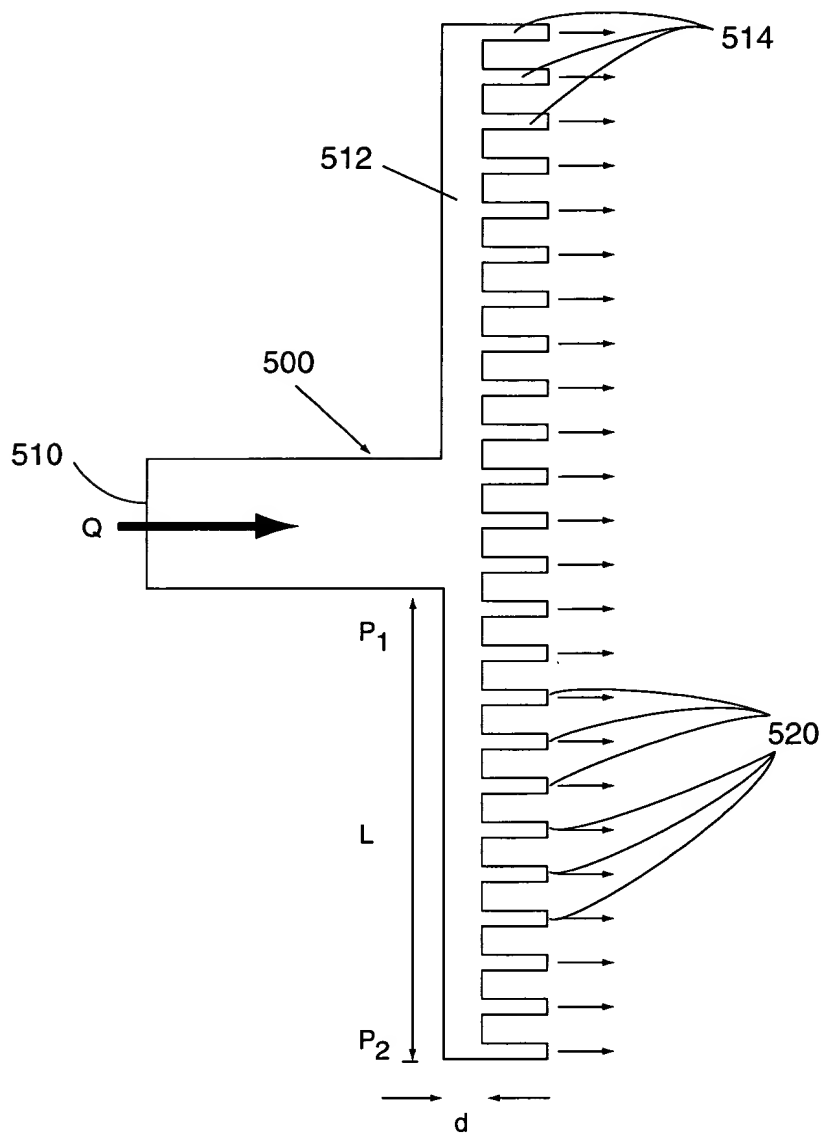
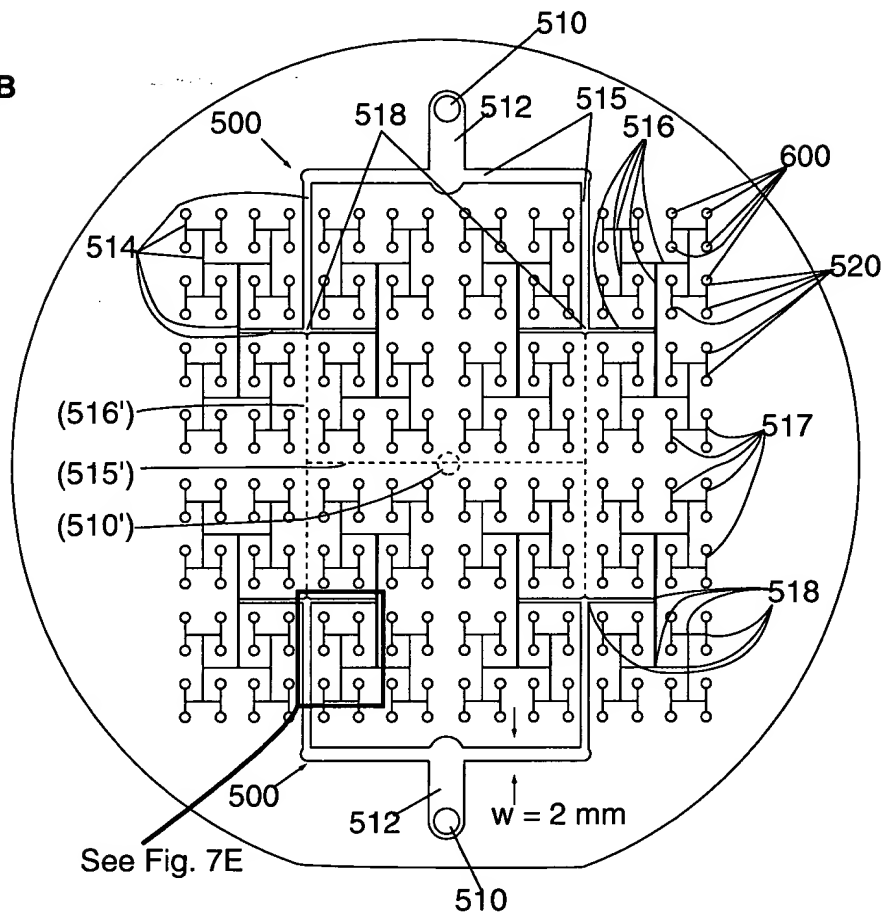


Fig. 7A



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Fig. 7B





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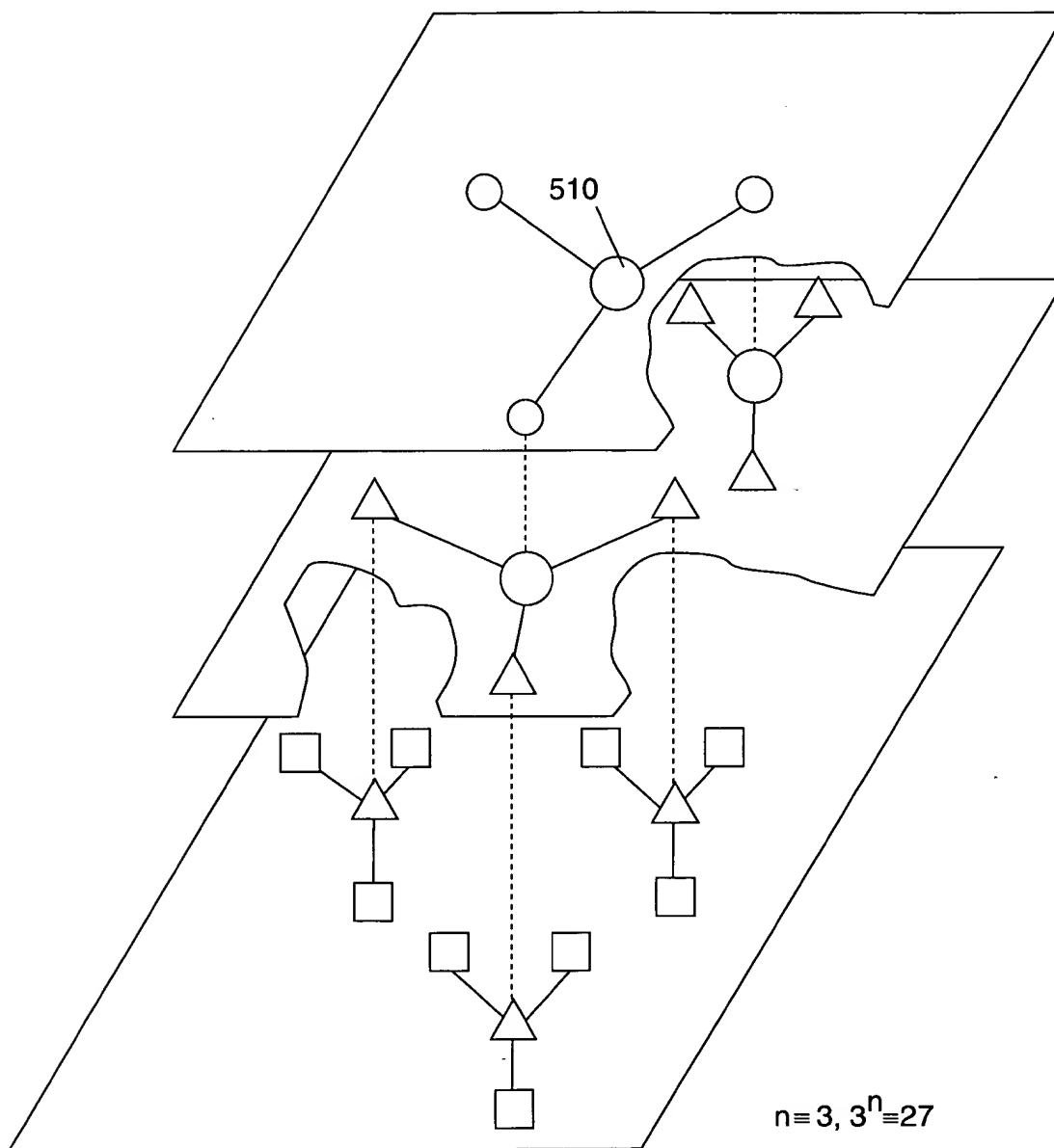
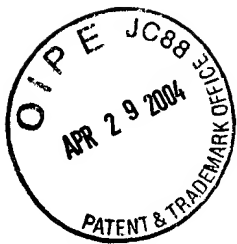
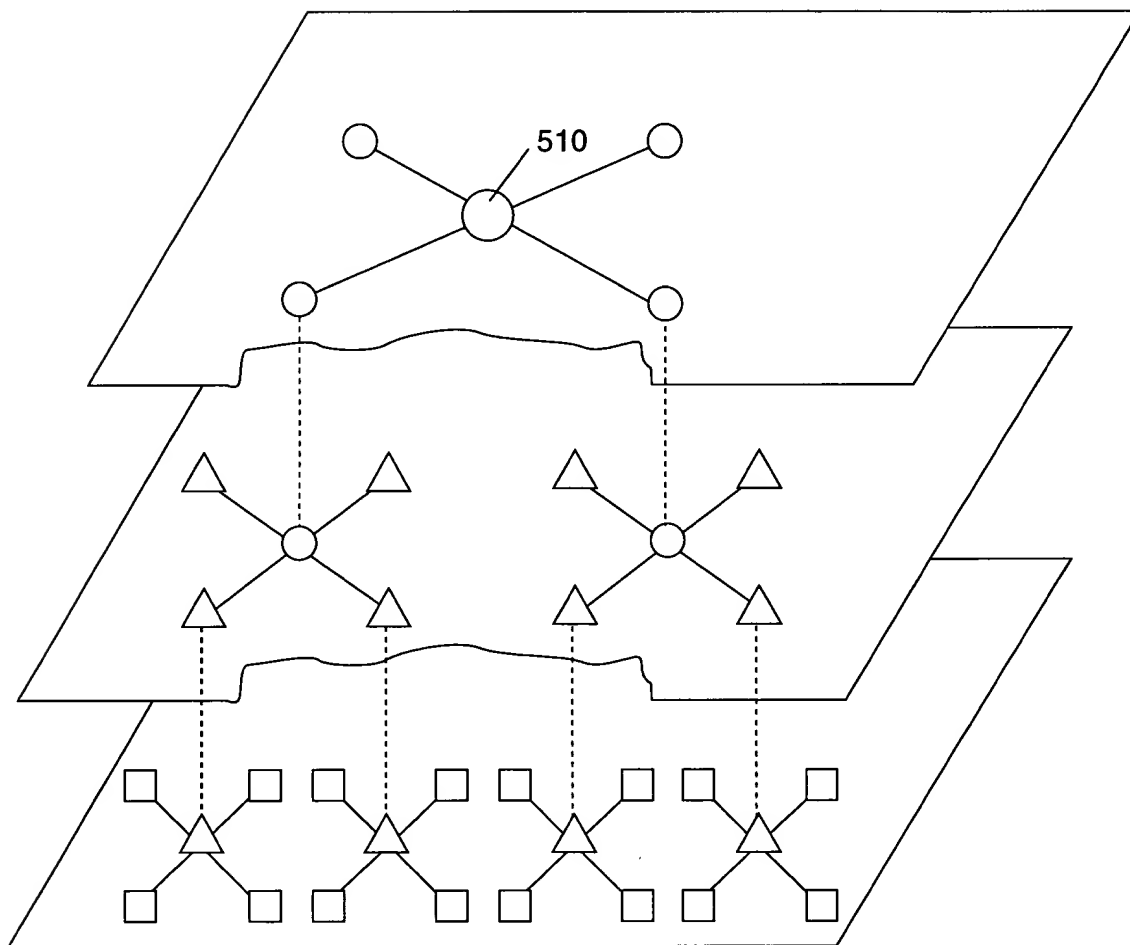


Fig. 7C

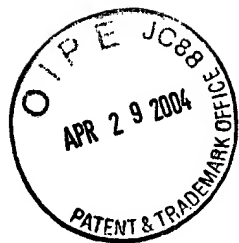


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$$n=3, 4^n=64$$

Fig. 7D



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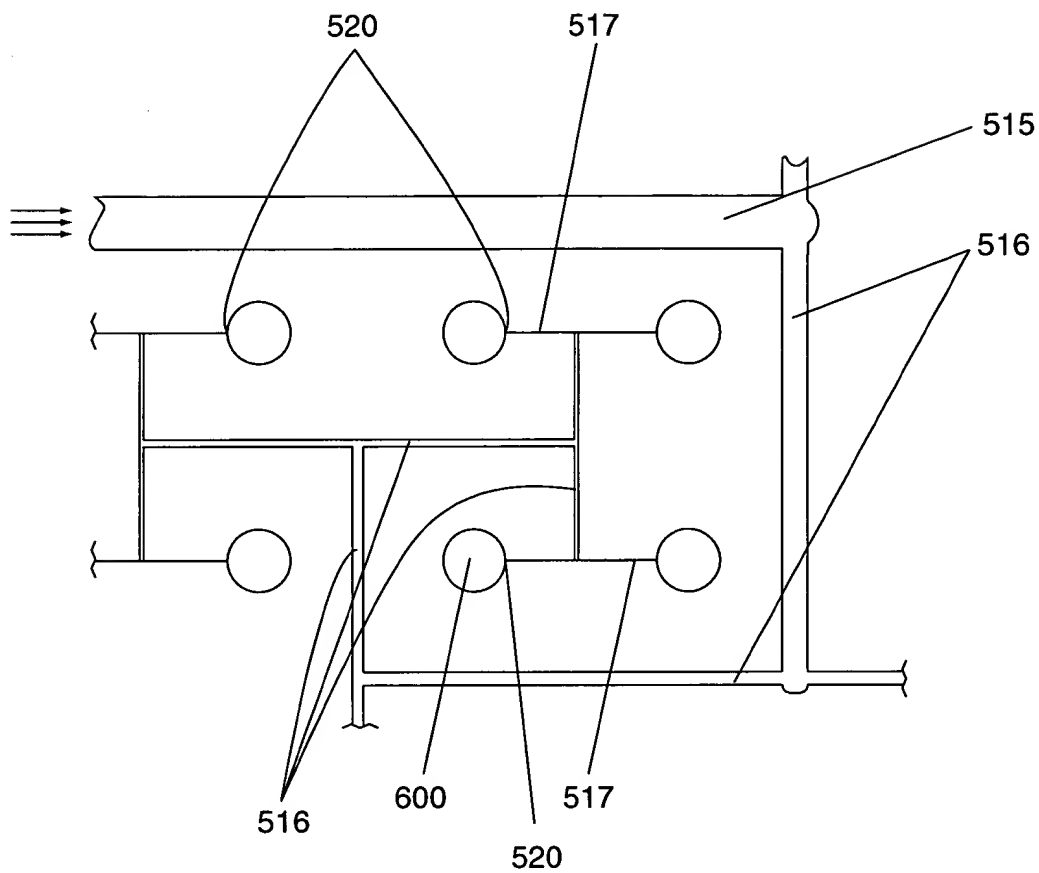


Fig. 7E



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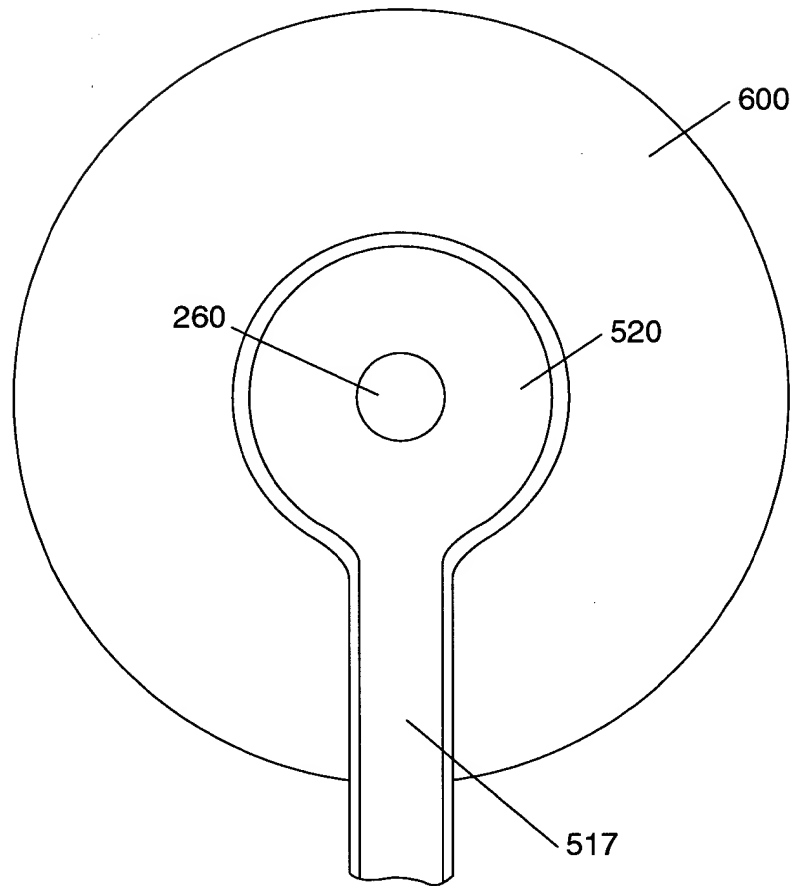


Fig. 7F



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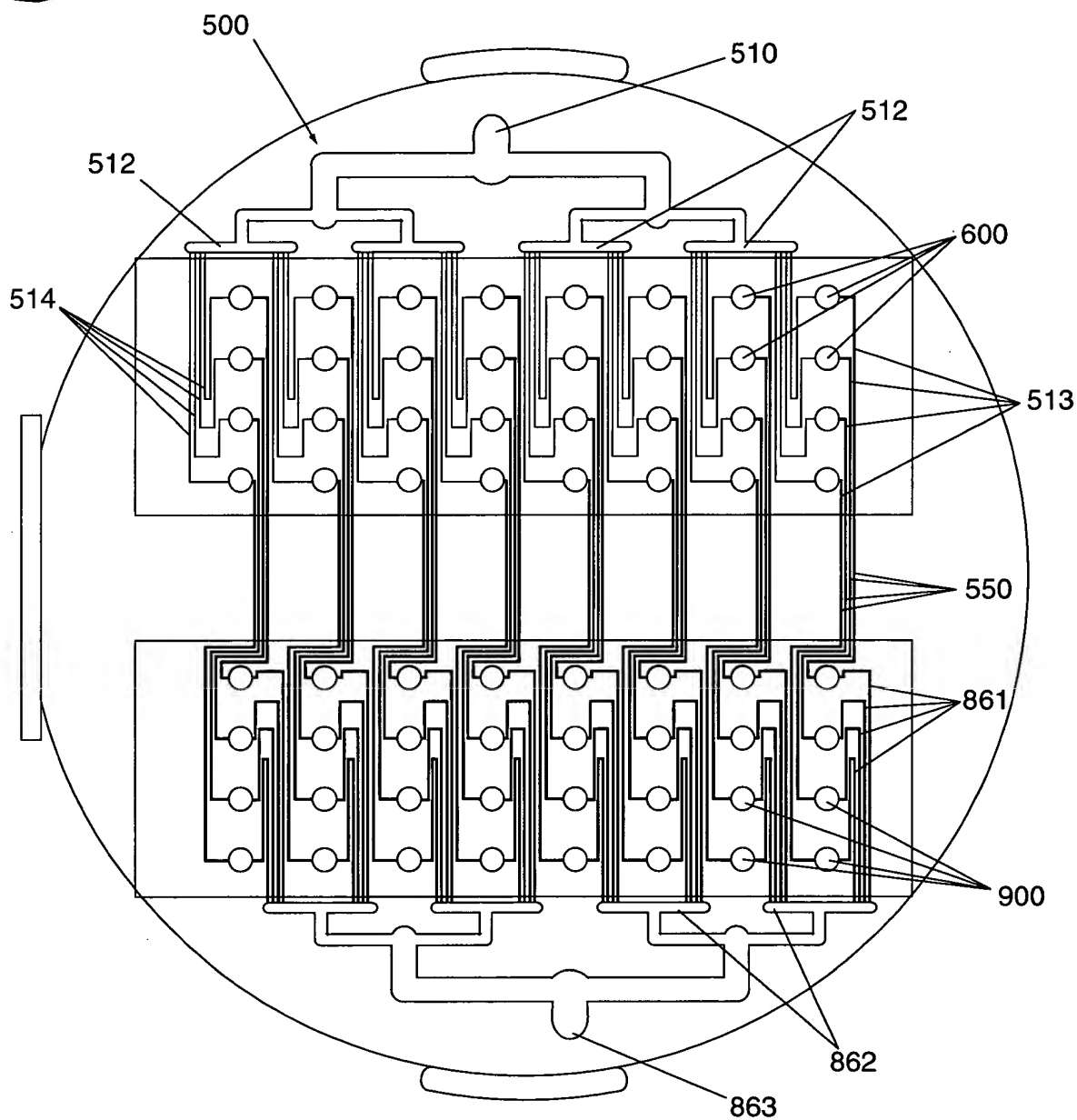
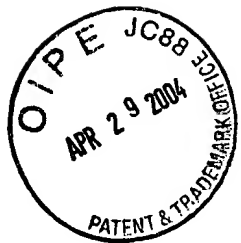


Fig. 7G



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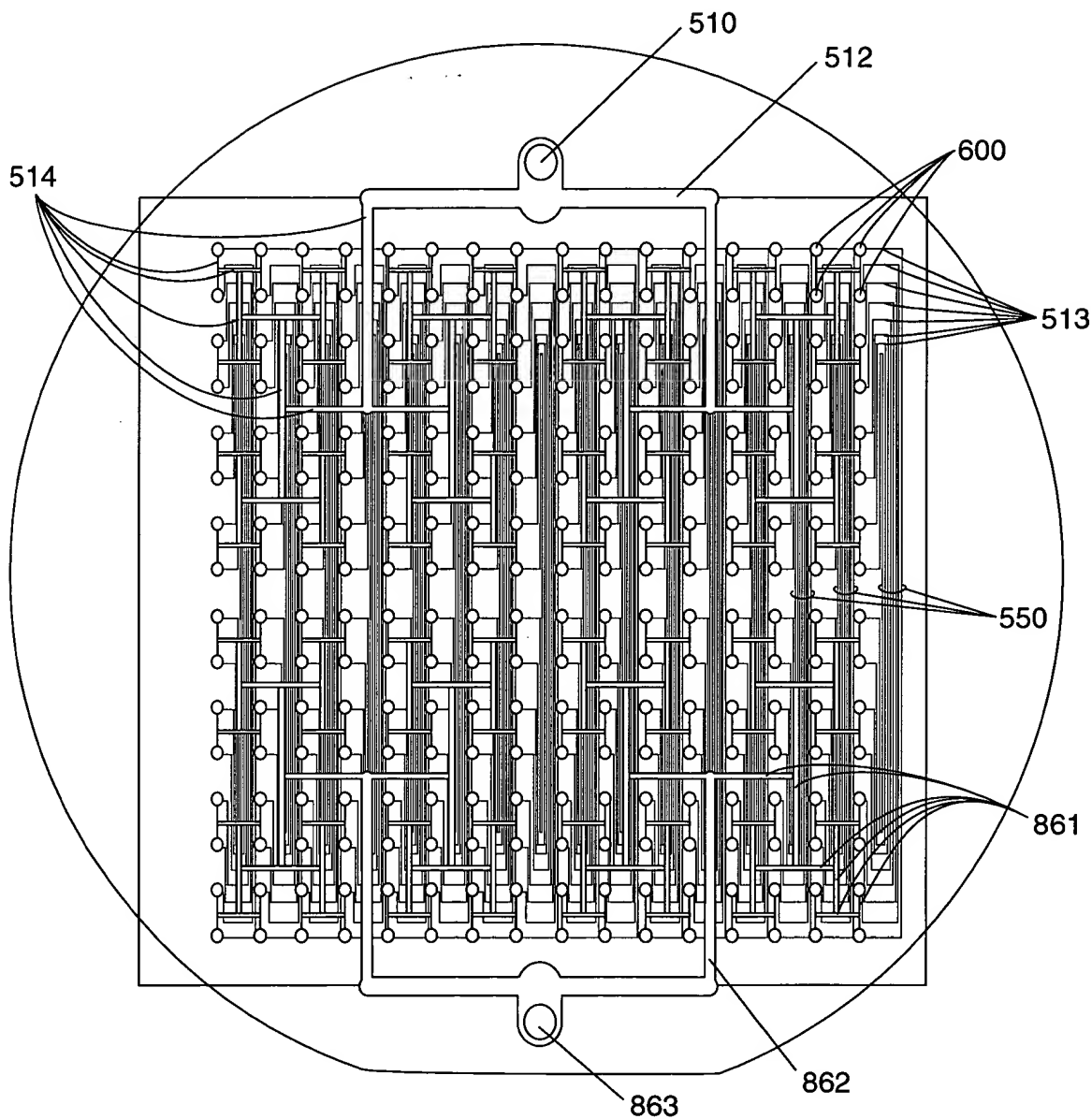
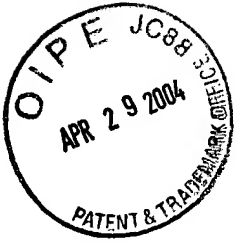


Fig. 7H



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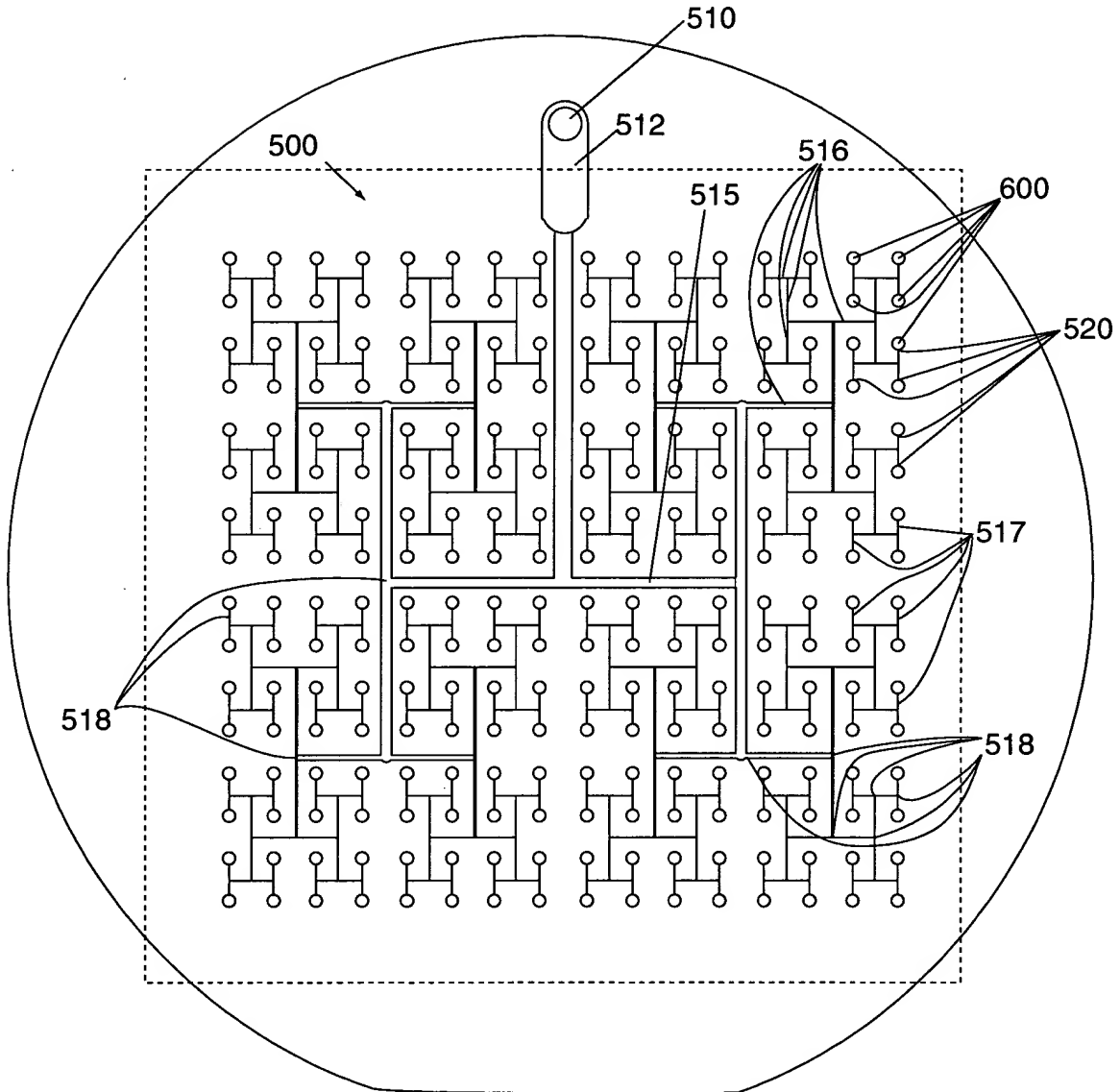
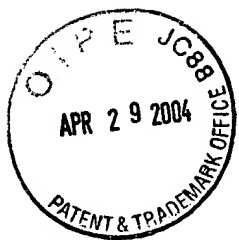
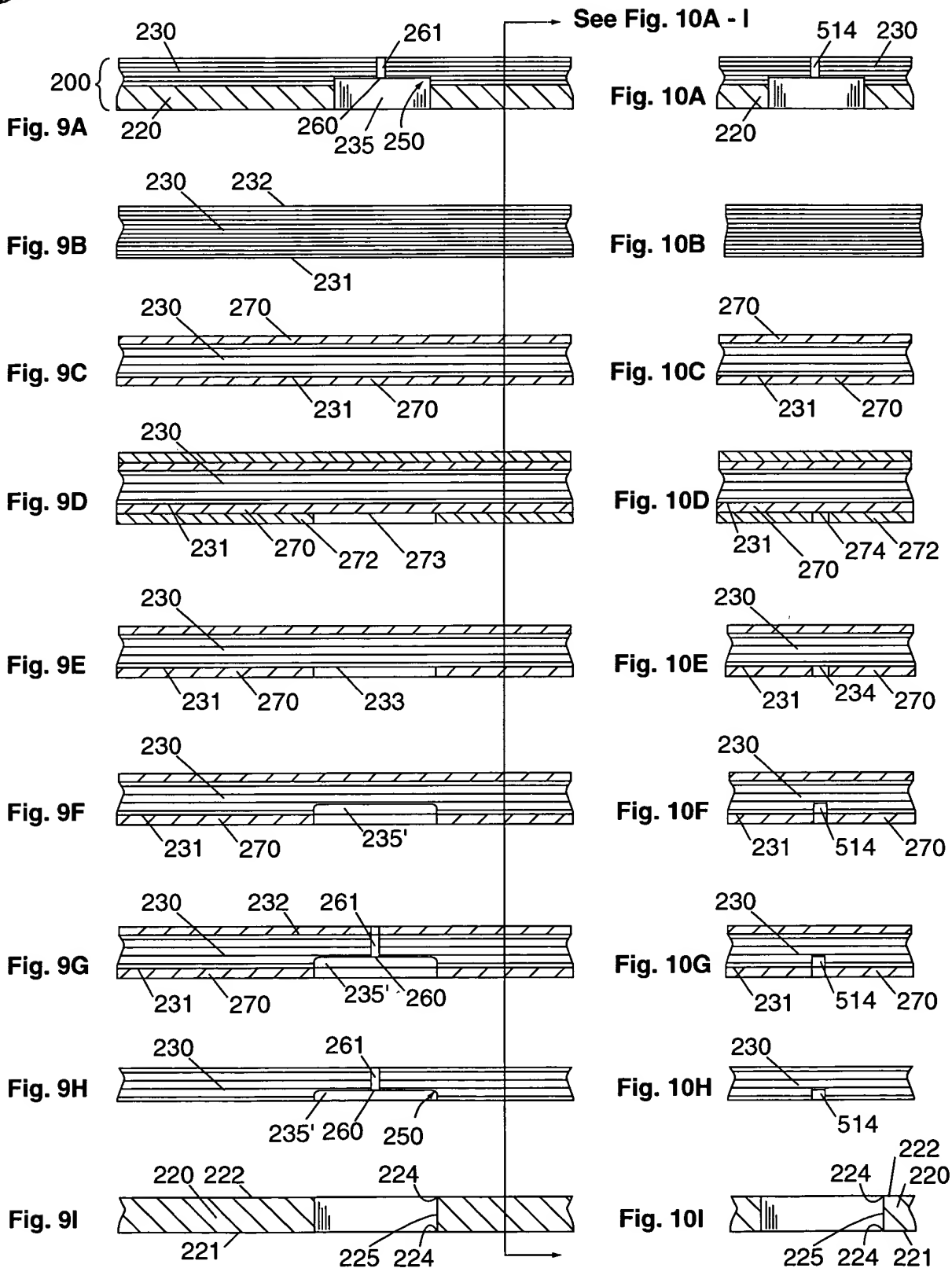


Fig. 71

Fig. 8



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Fig. 11A

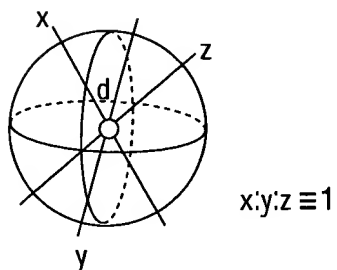


Fig. 11B

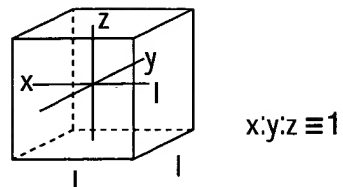


Fig. 11C

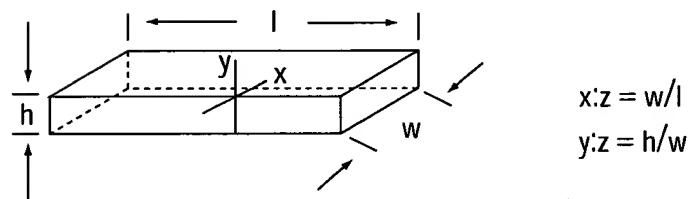


Fig. 11D

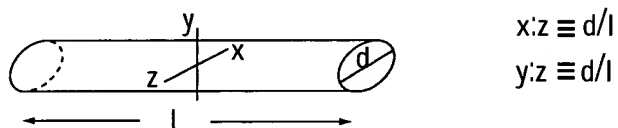


Fig. 11E

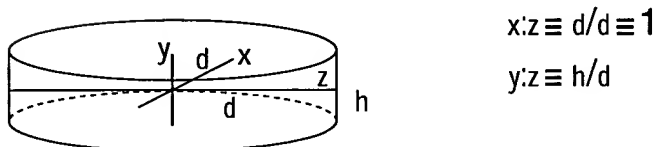
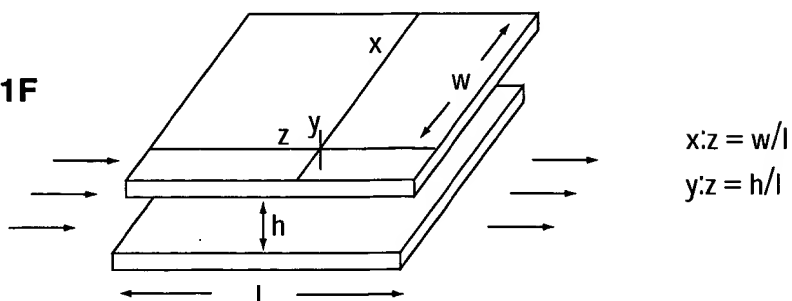


Fig. 11F





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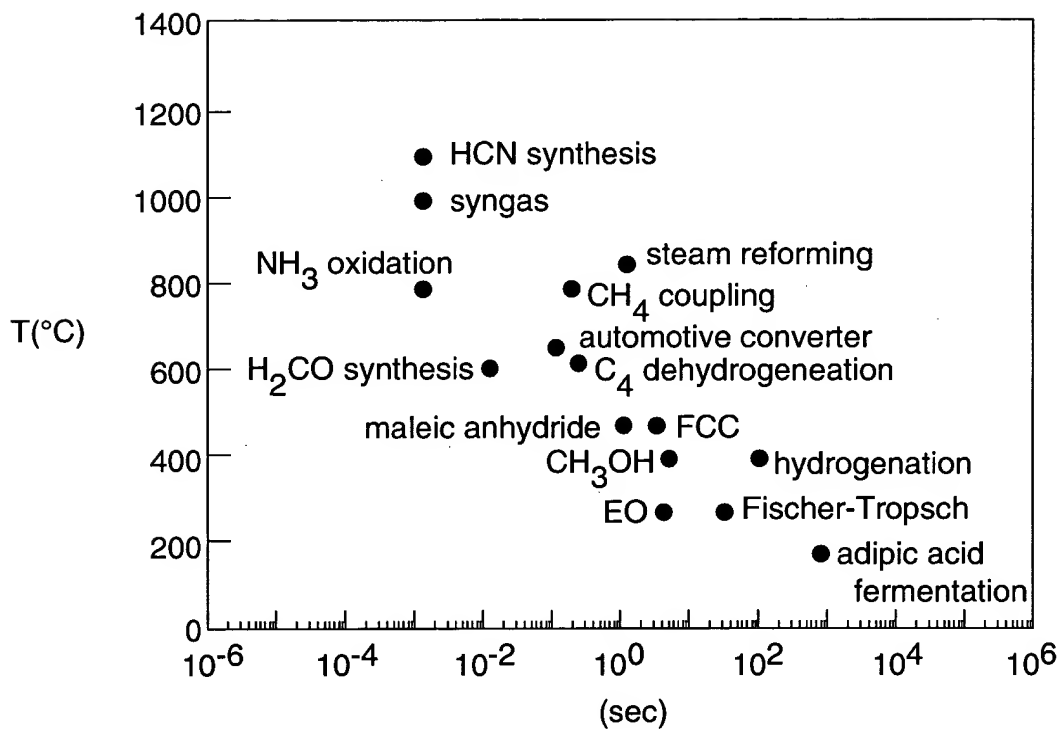
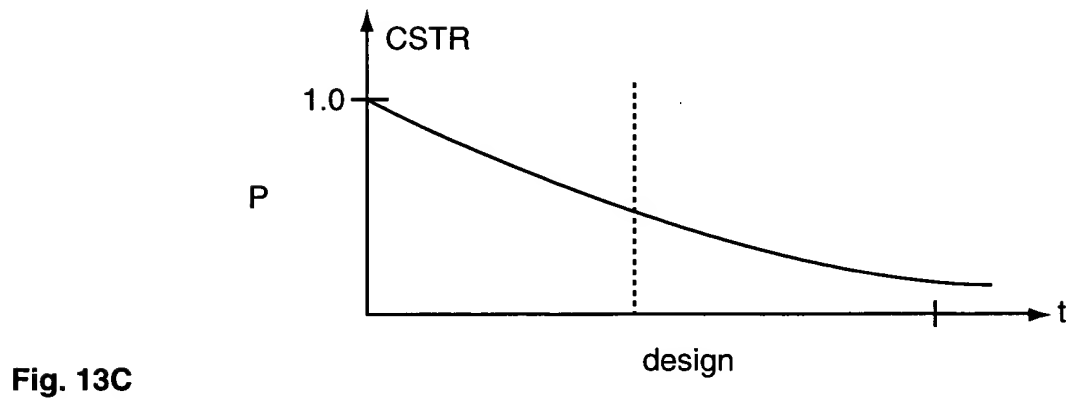
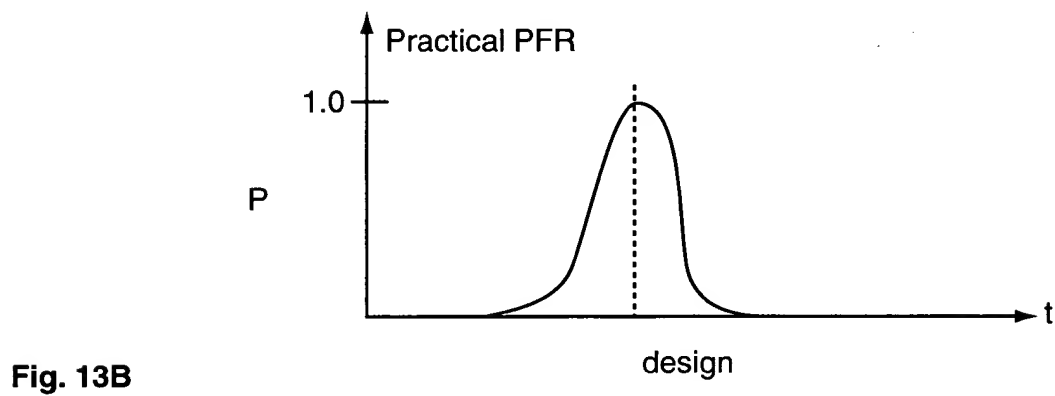
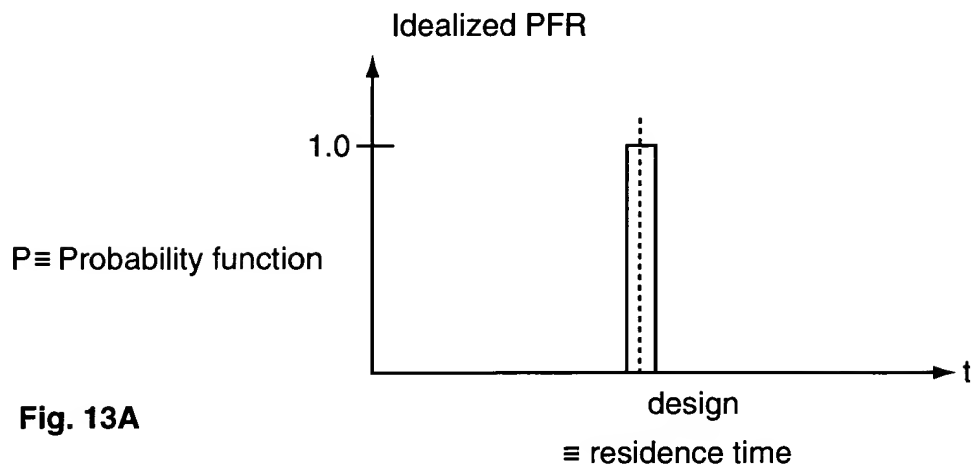


Fig. 12



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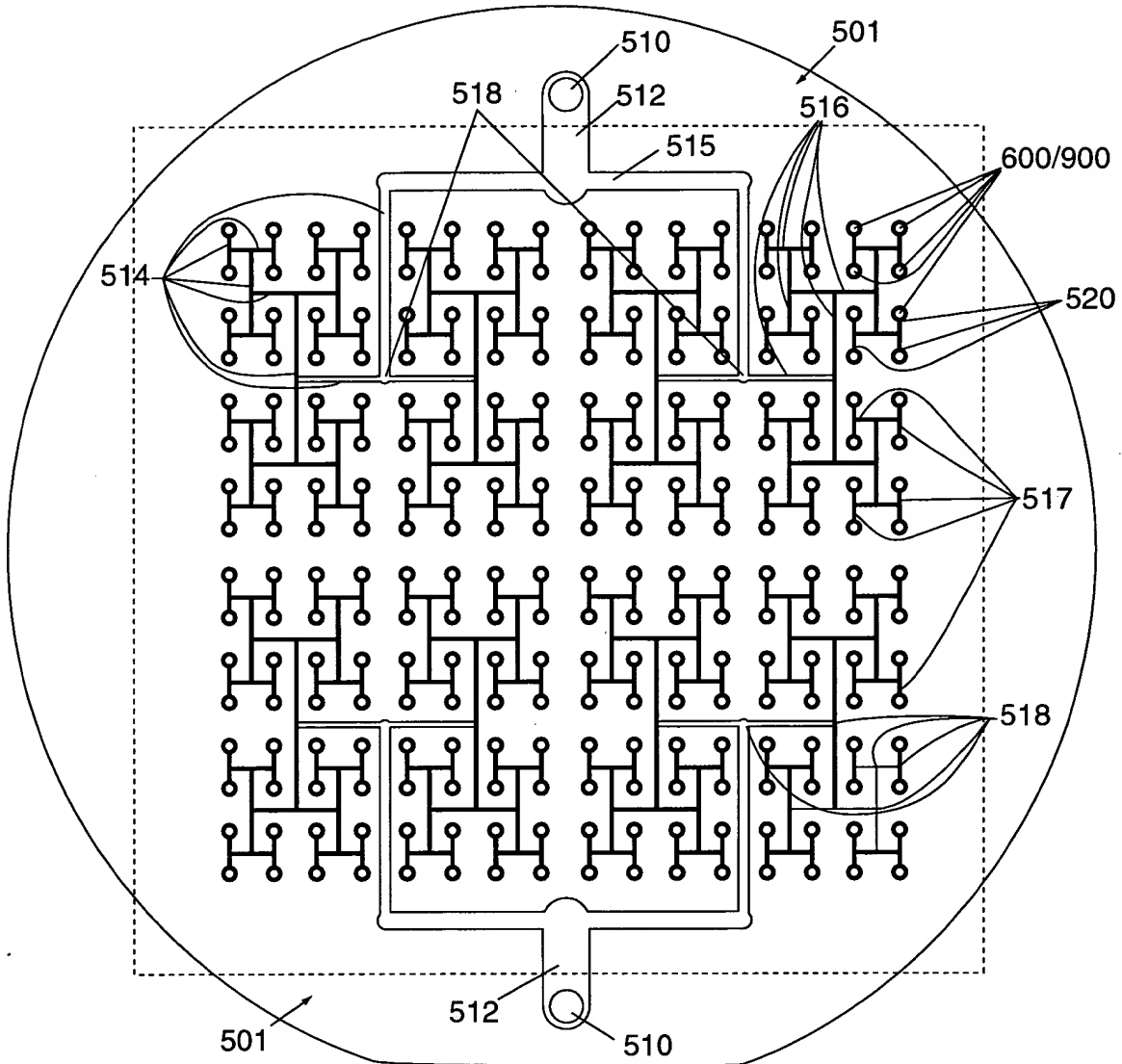
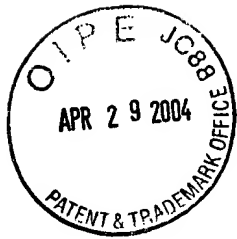


Fig. 14



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Fig. 15A

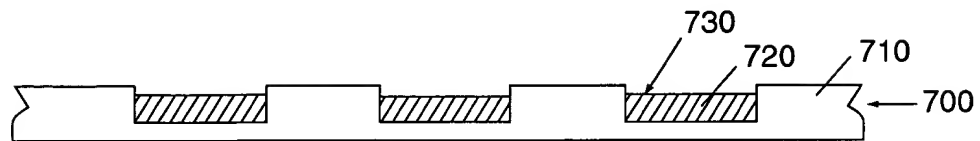


Fig. 15B

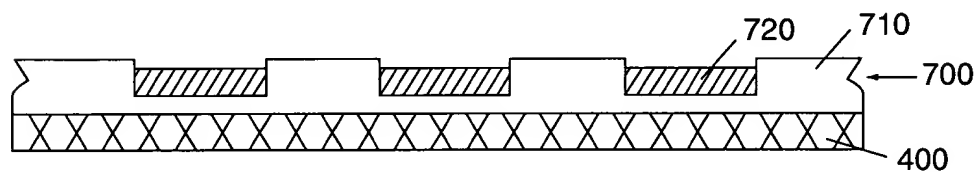
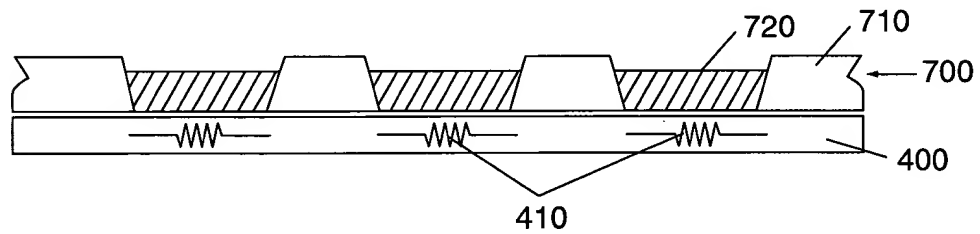


Fig. 15C





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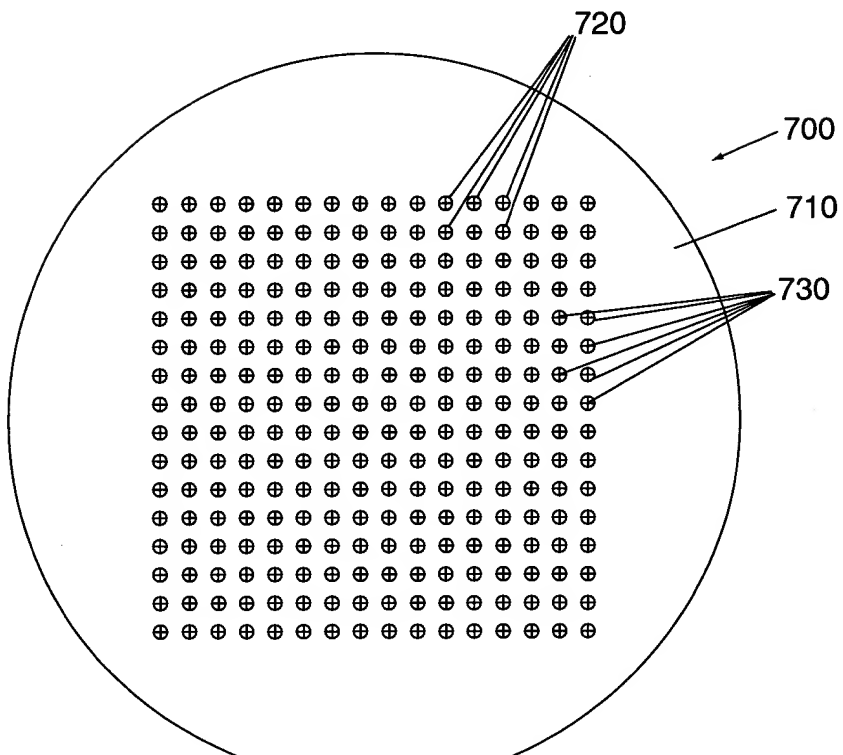


Fig. 16A

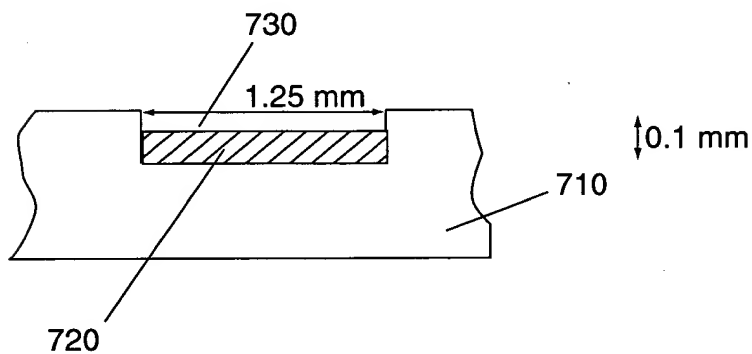


Fig. 16B



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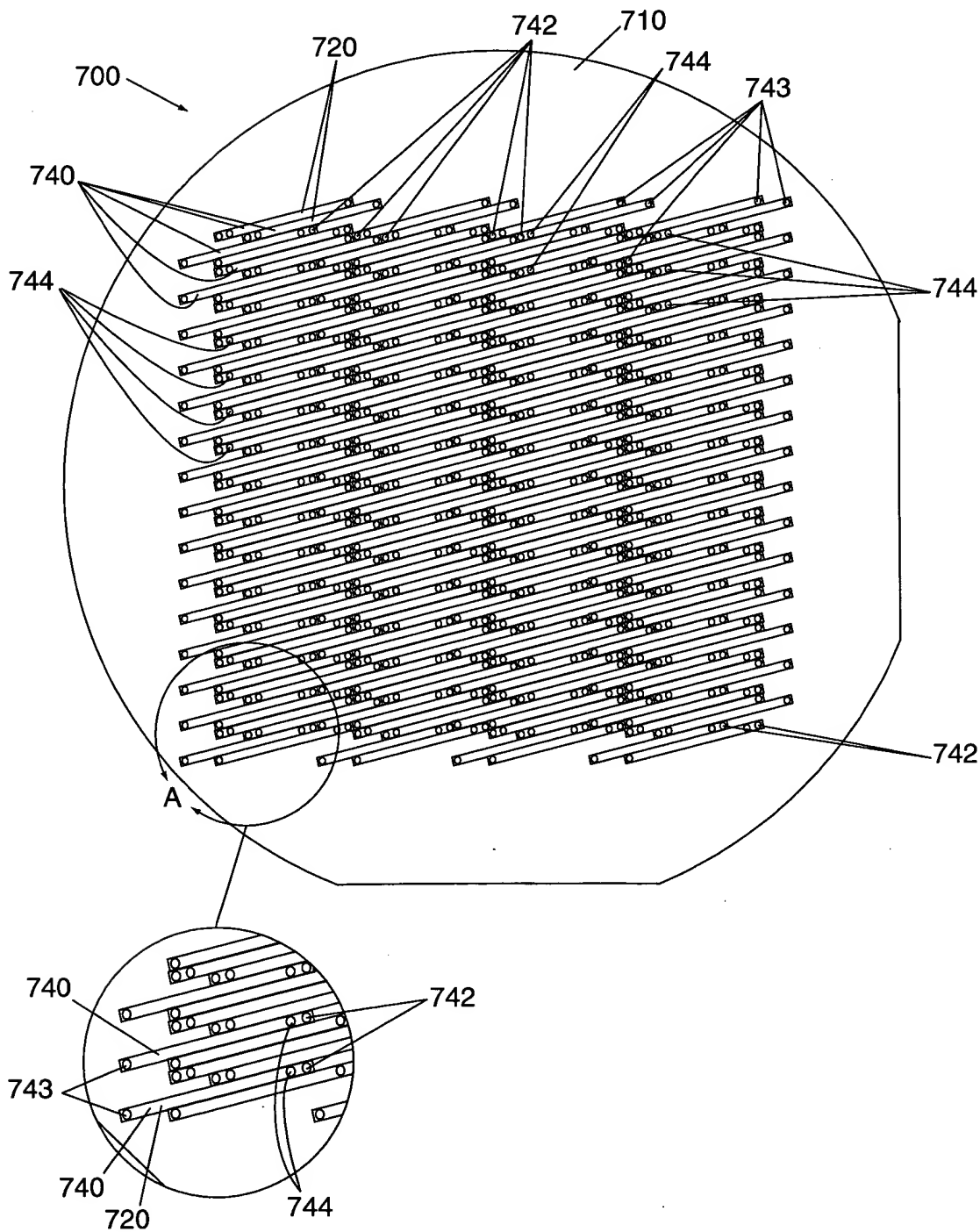


Fig. 16C



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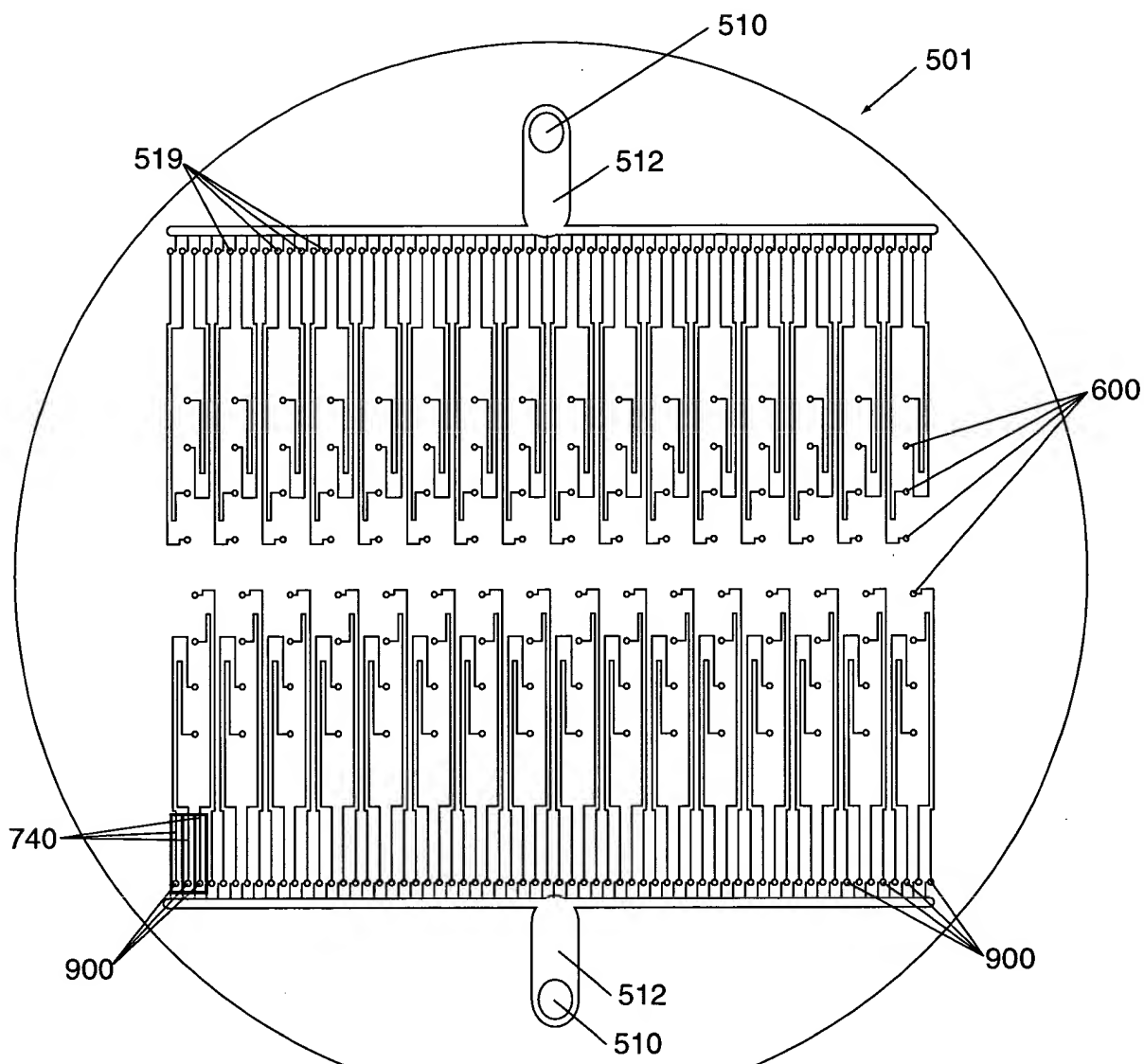


Fig. 16D



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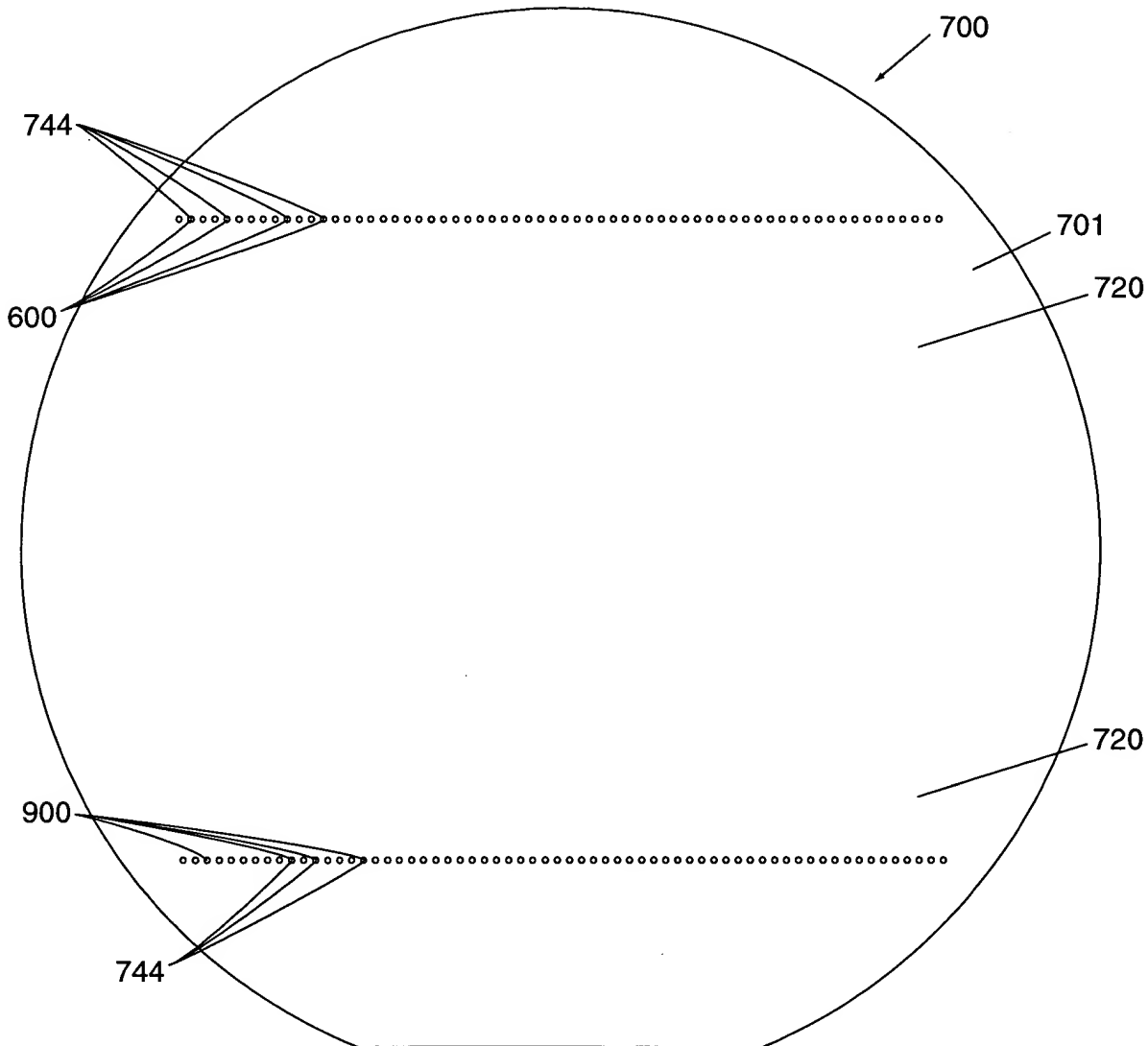


Fig. 16E



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Fig. 17A

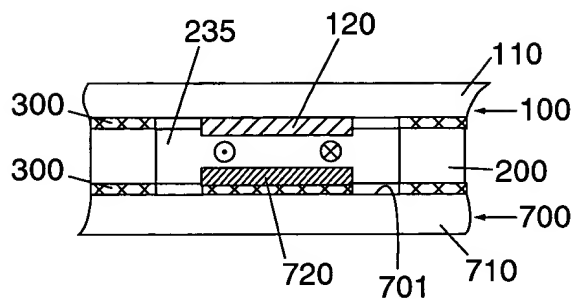
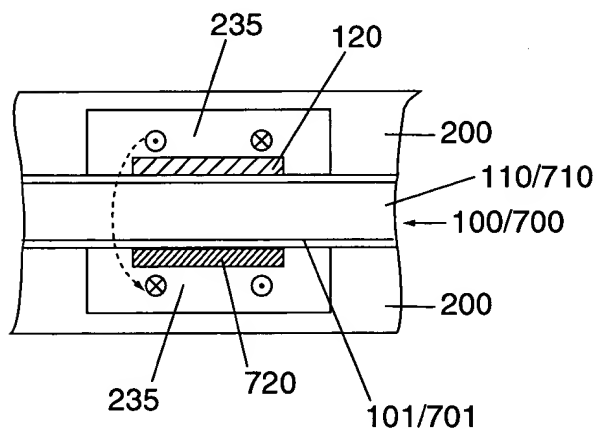


Fig. 17B





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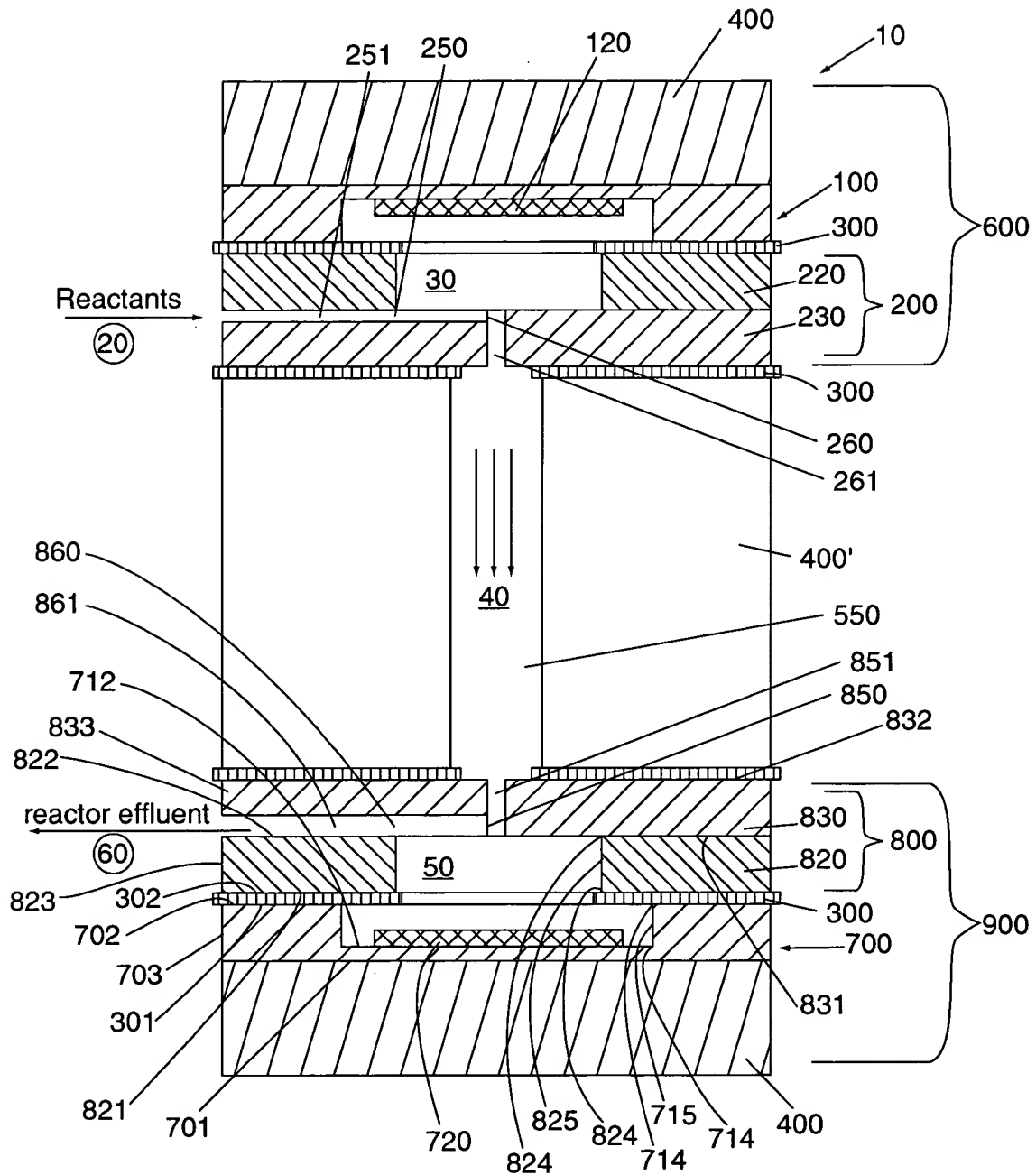


Fig. 18A



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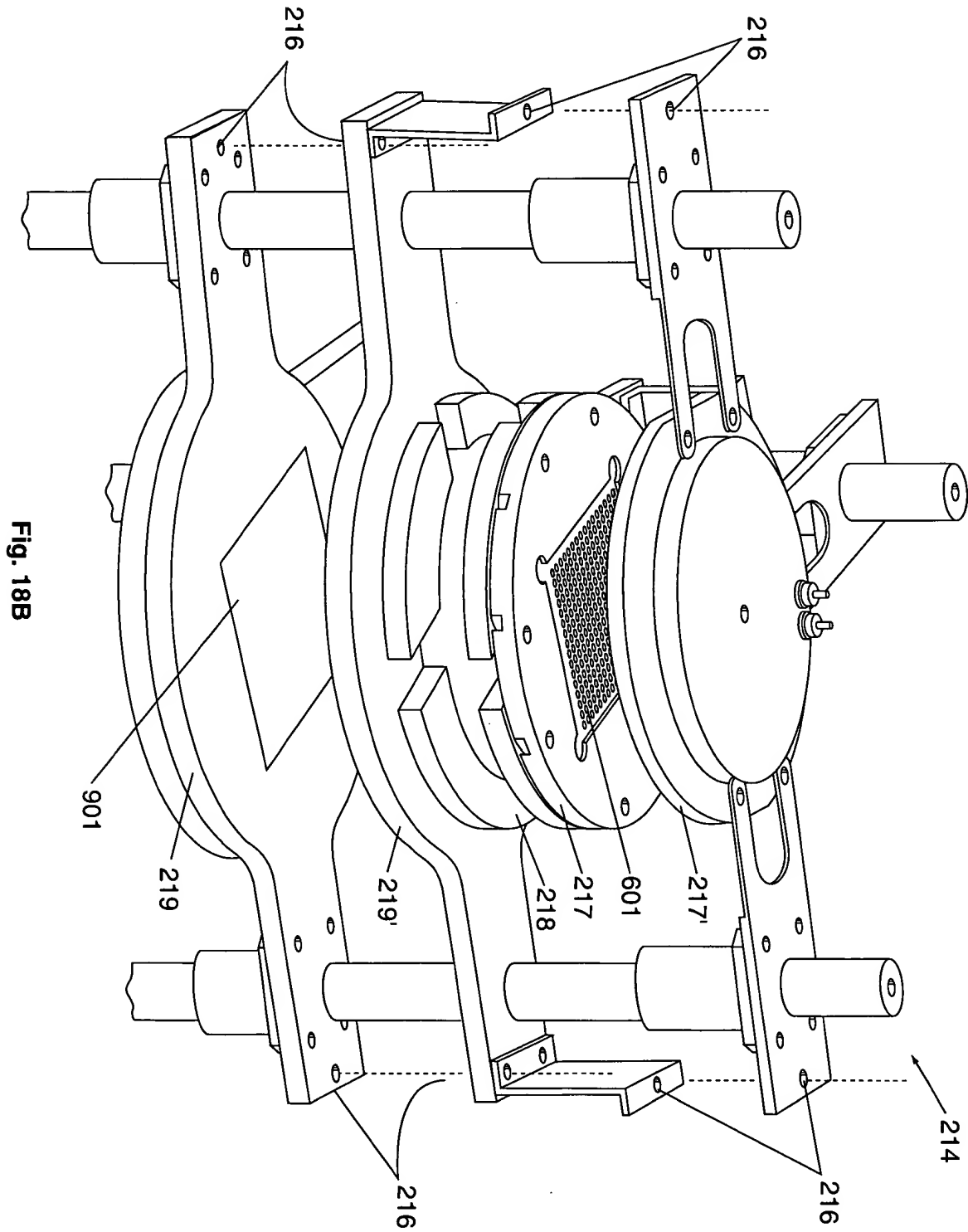


Fig. 18B

Fig. 18C



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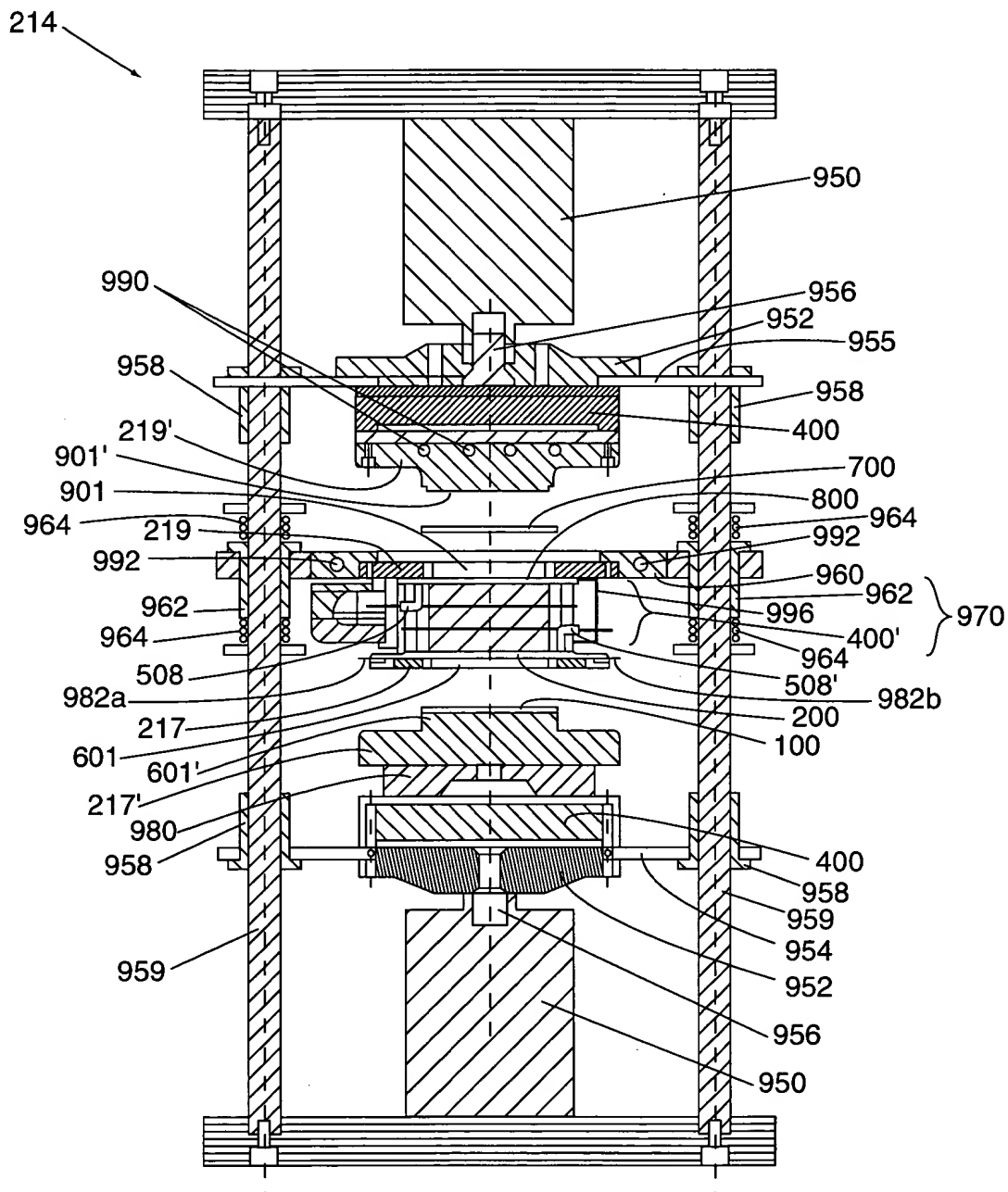


Fig. 18D



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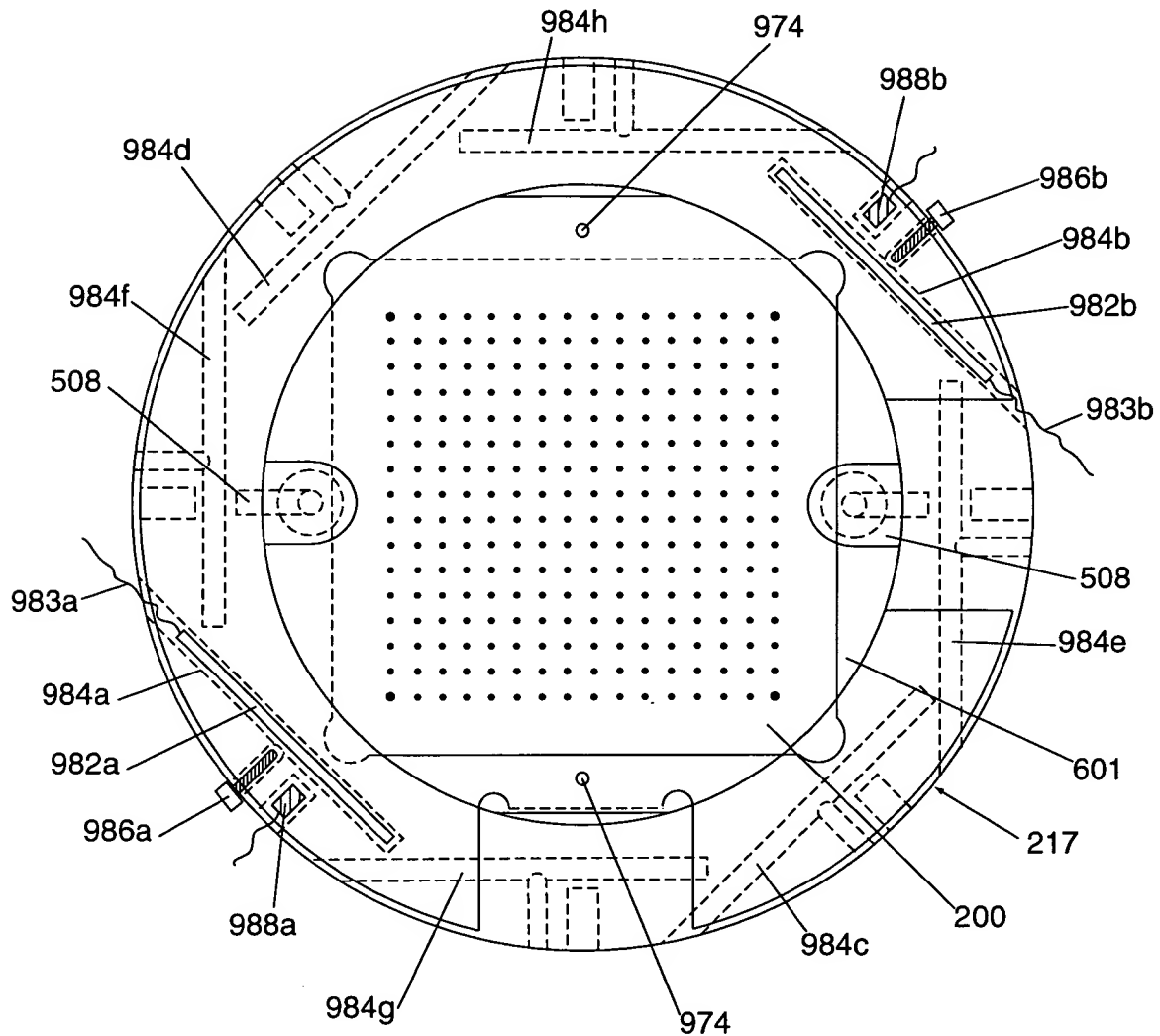


Fig. 18E



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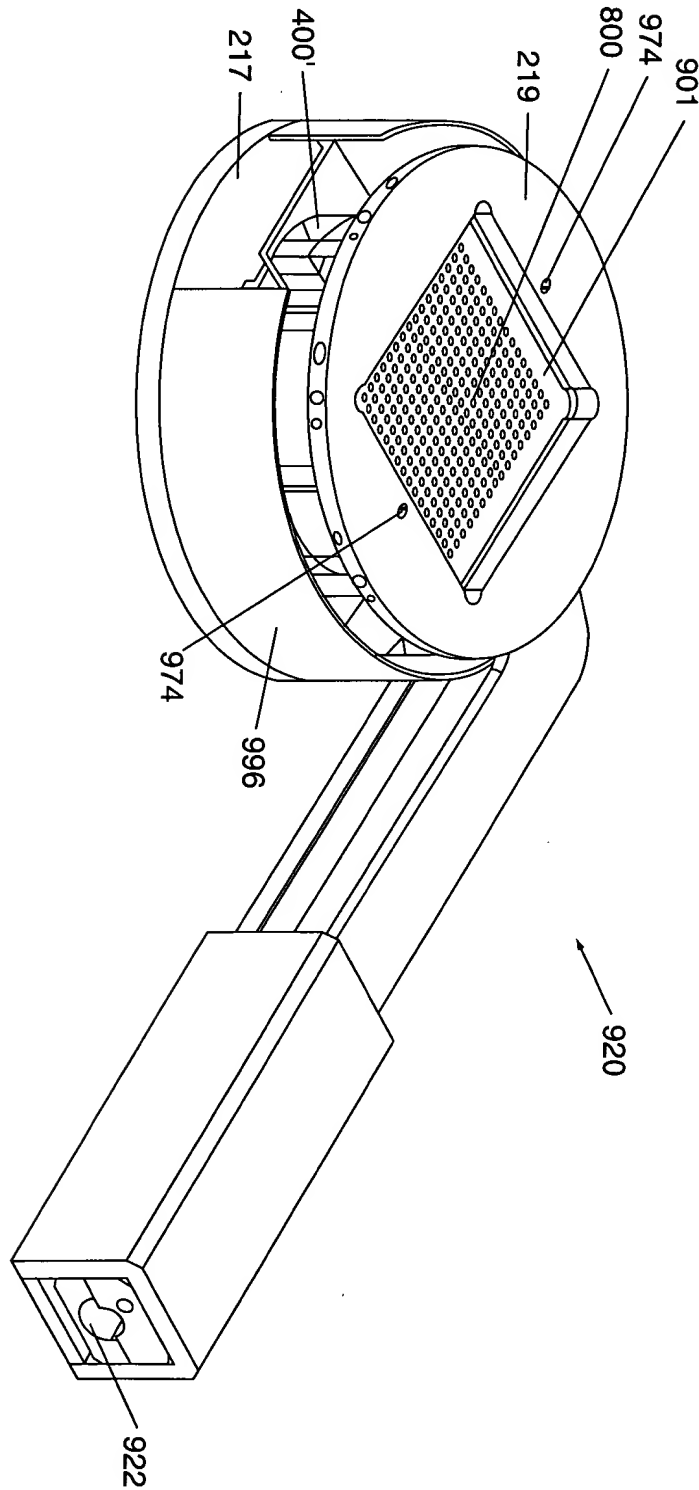


Fig. 18F



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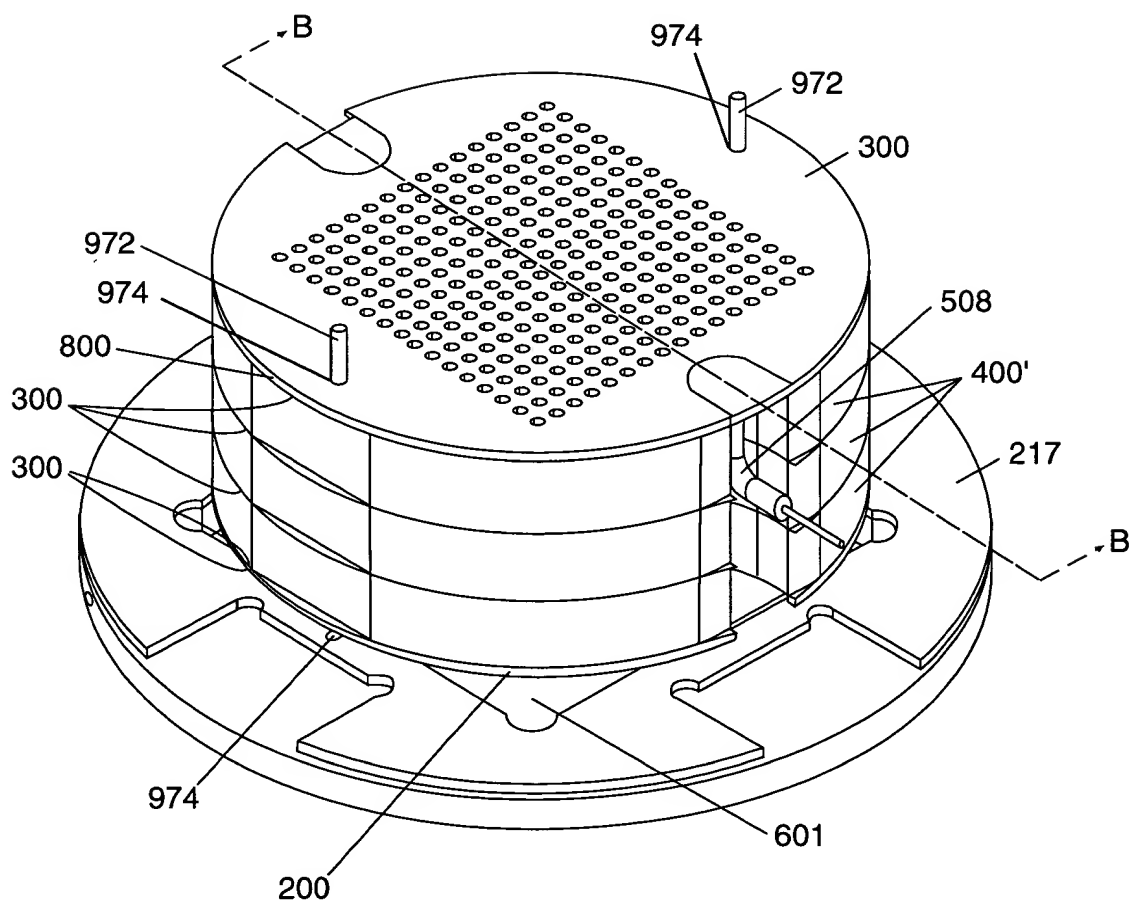


Fig. 18G



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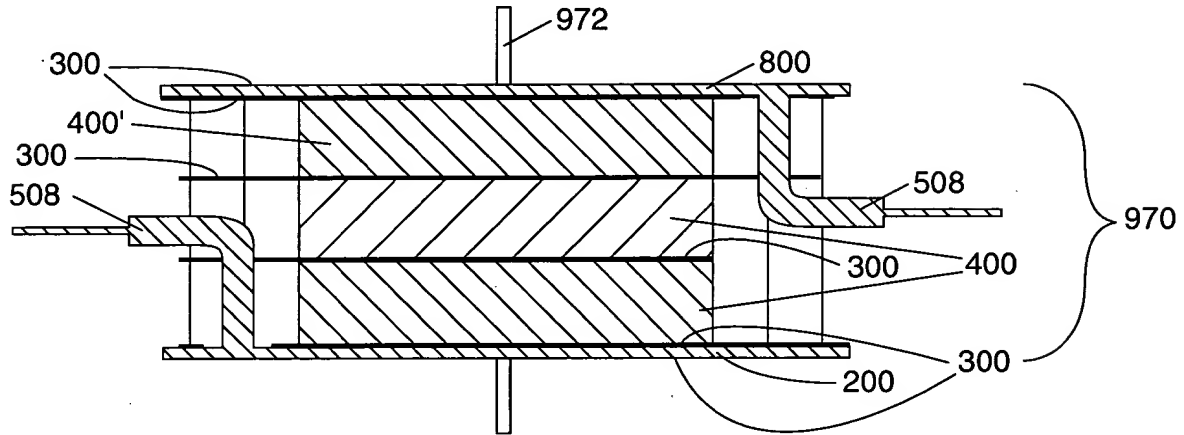


Fig. 18H



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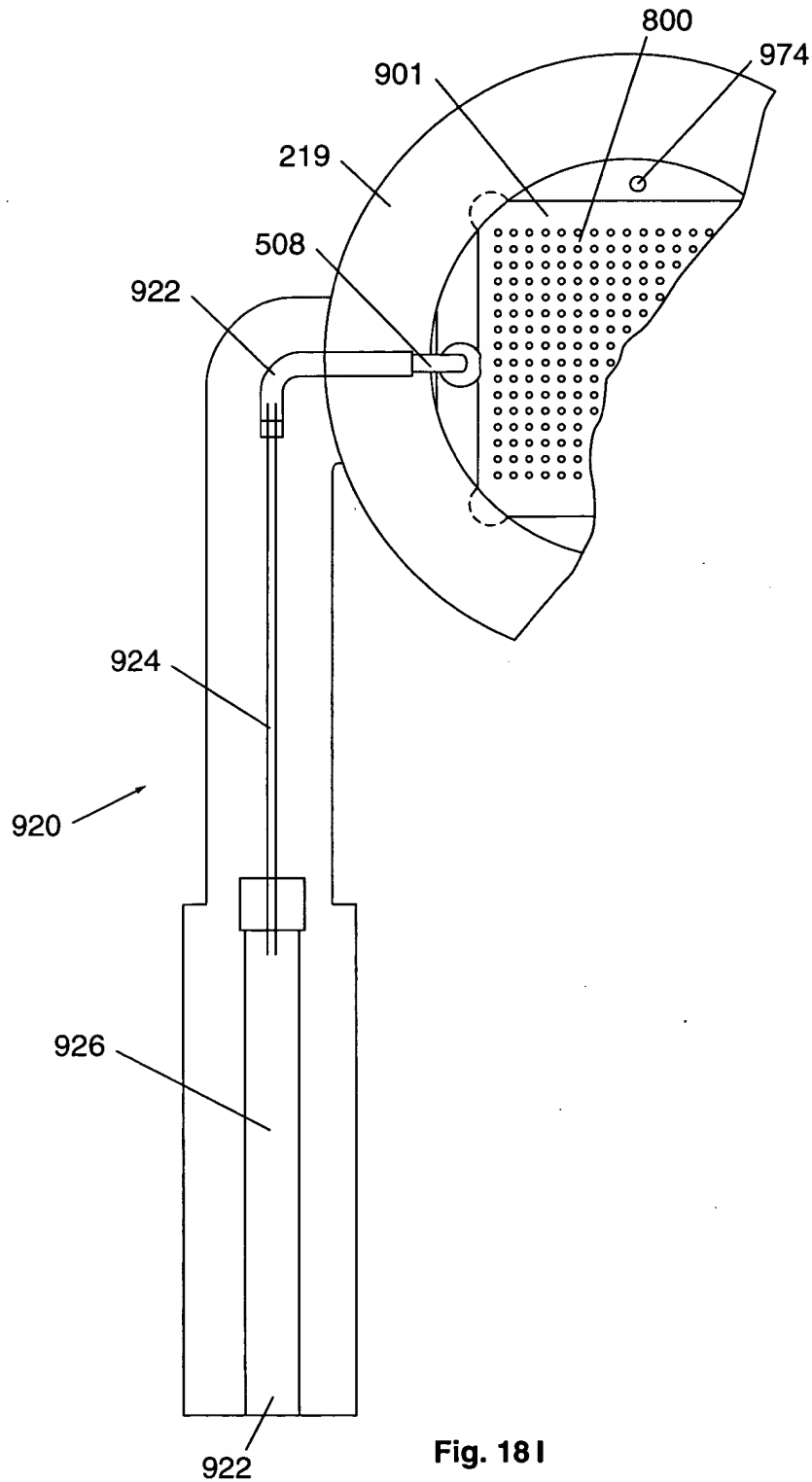


Fig. 18I



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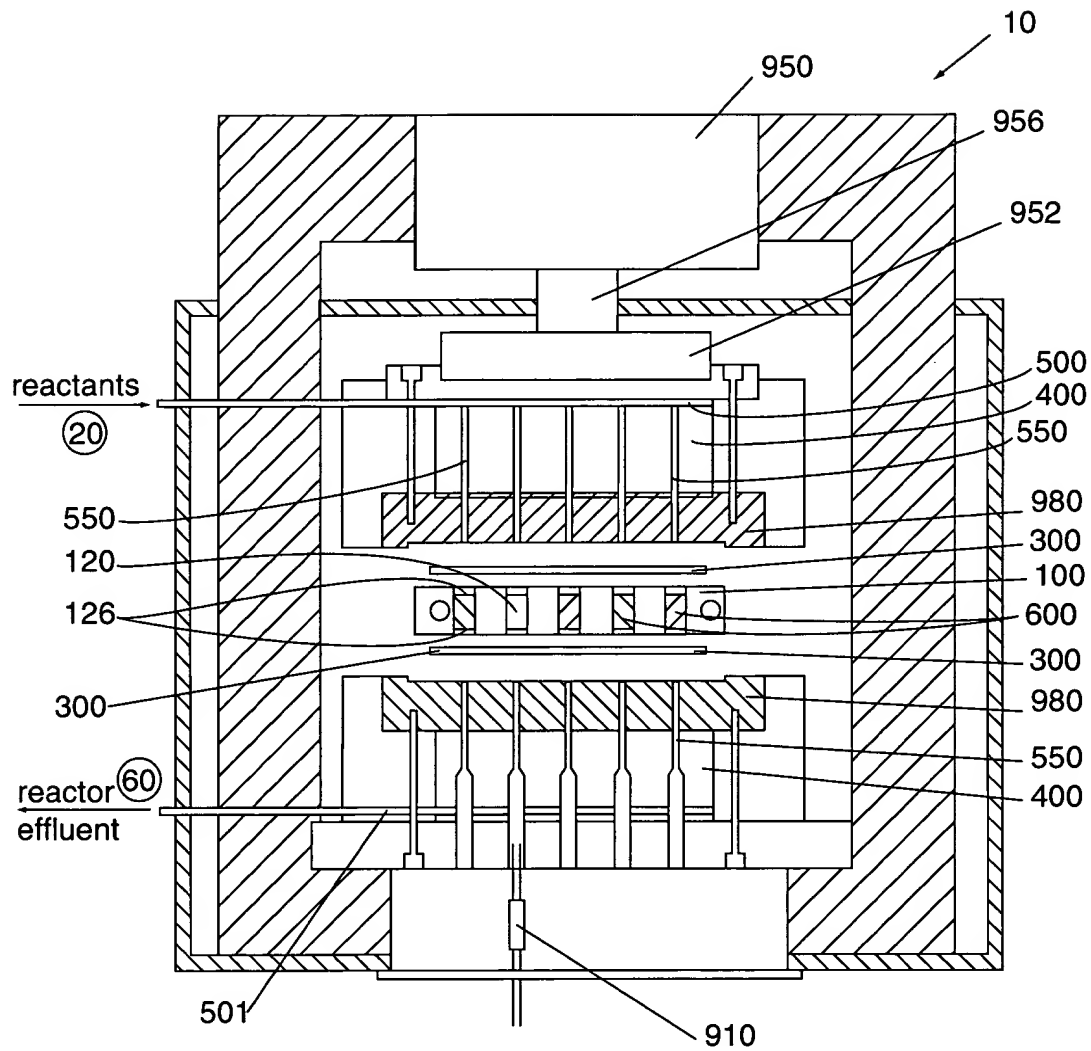


Fig. 18J



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Fig. 19A

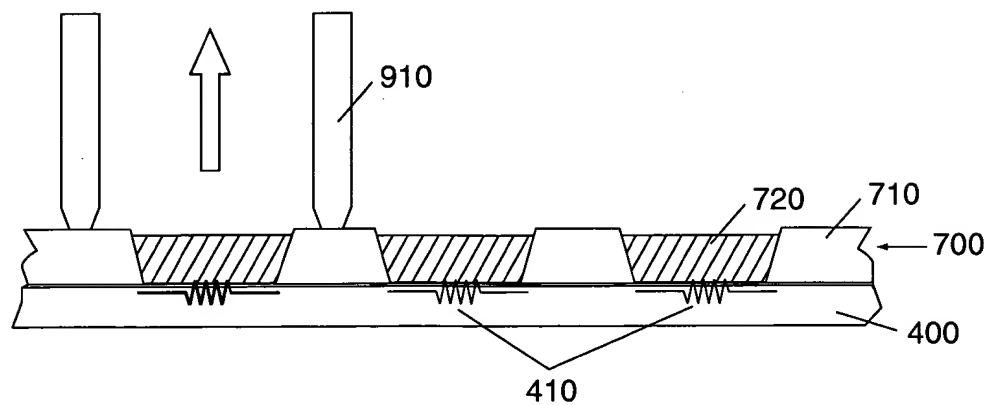


Fig. 19B

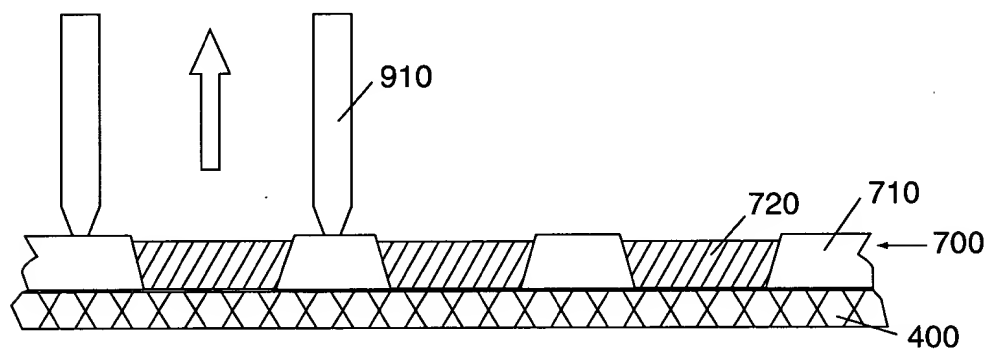
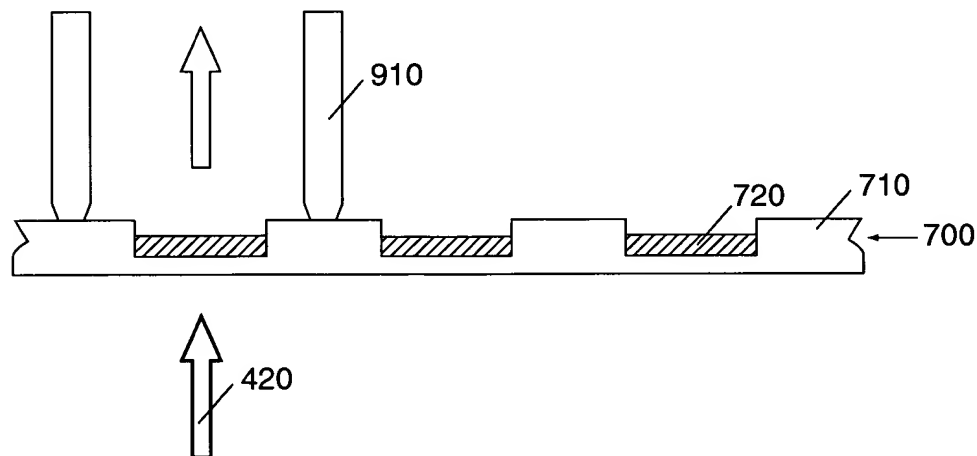


Fig. 19C





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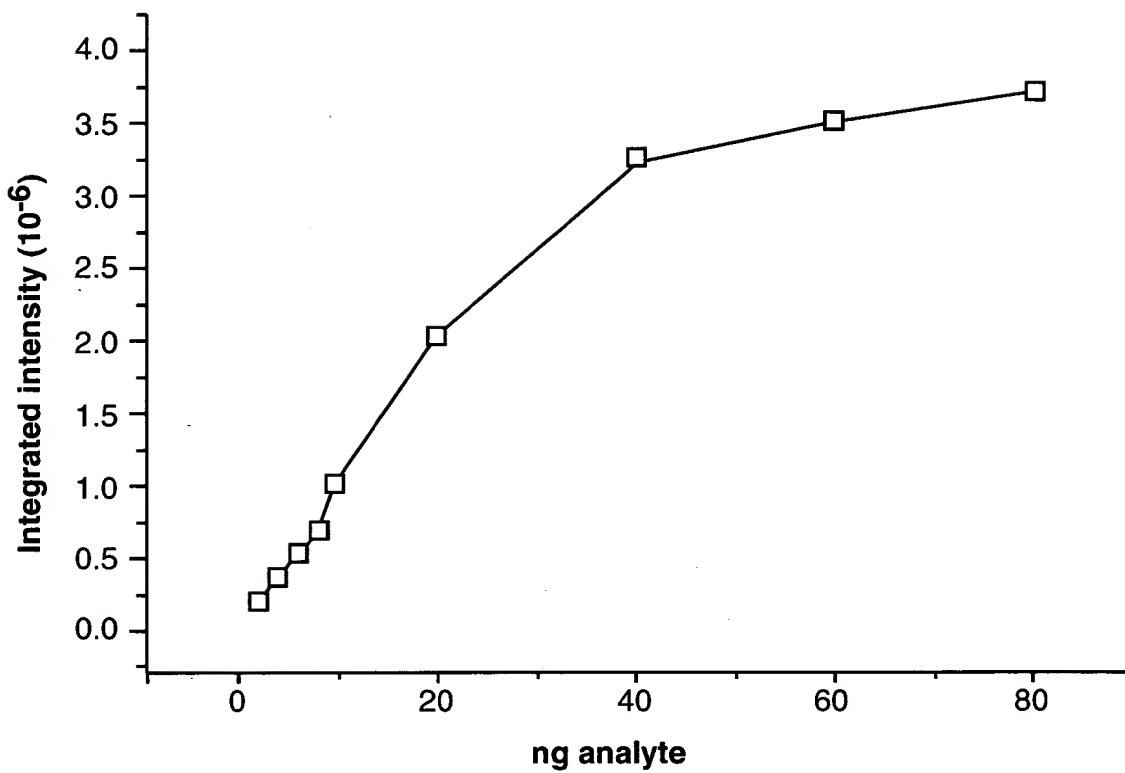


Fig. 20A



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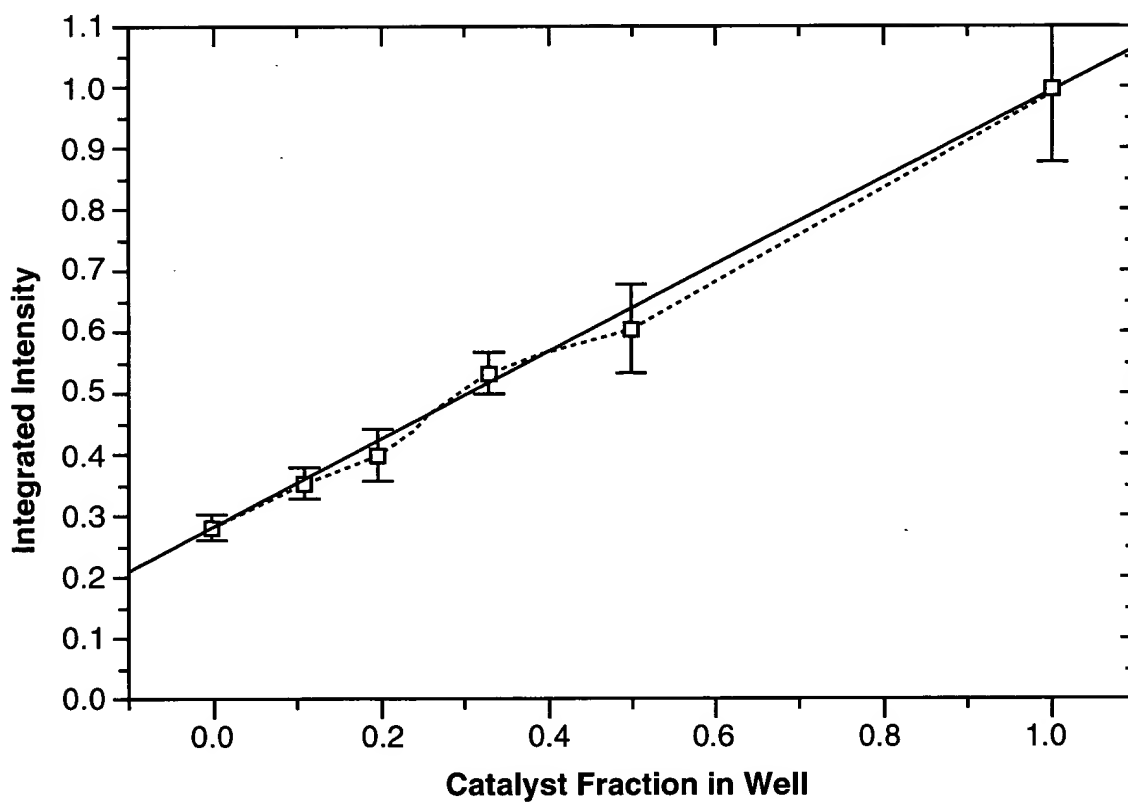
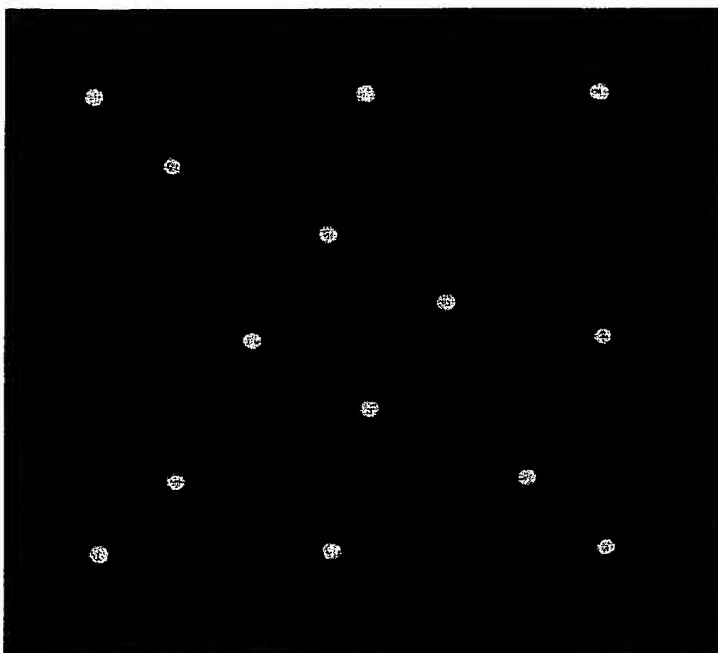


Fig. 20B



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Fig. 20C



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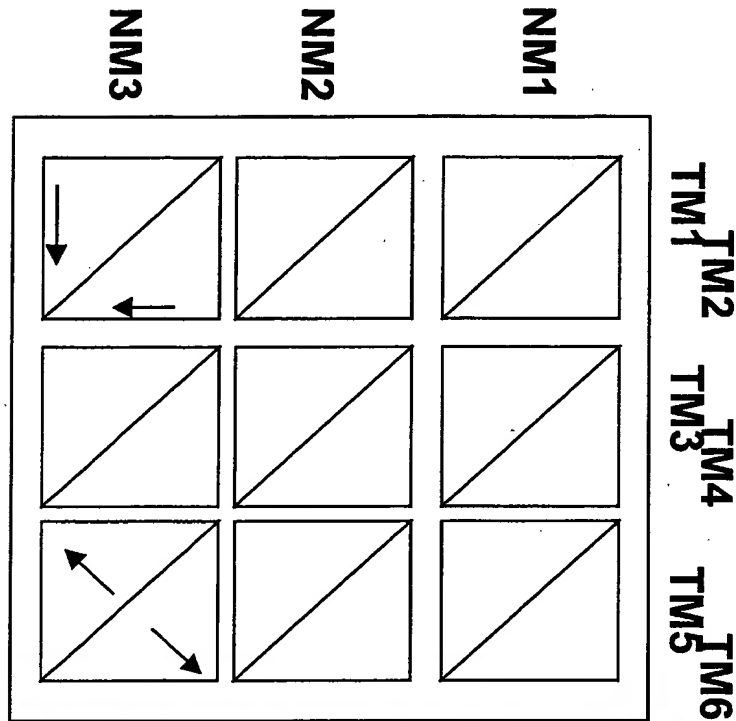
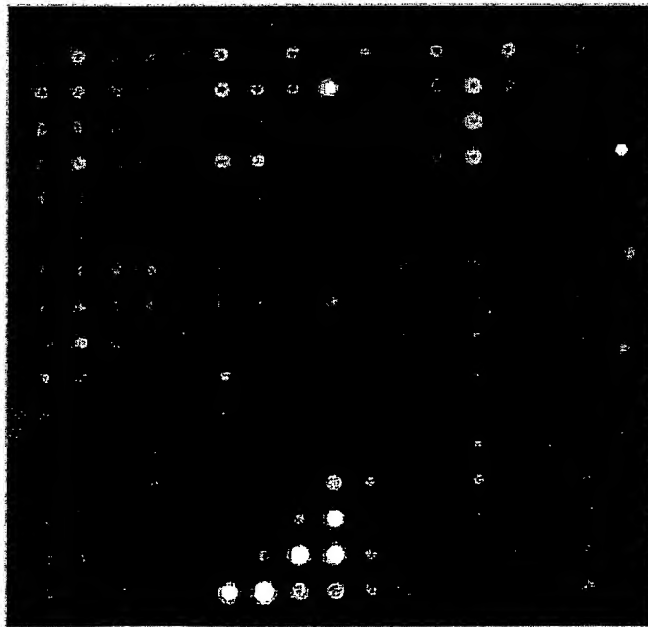


Fig. 20D





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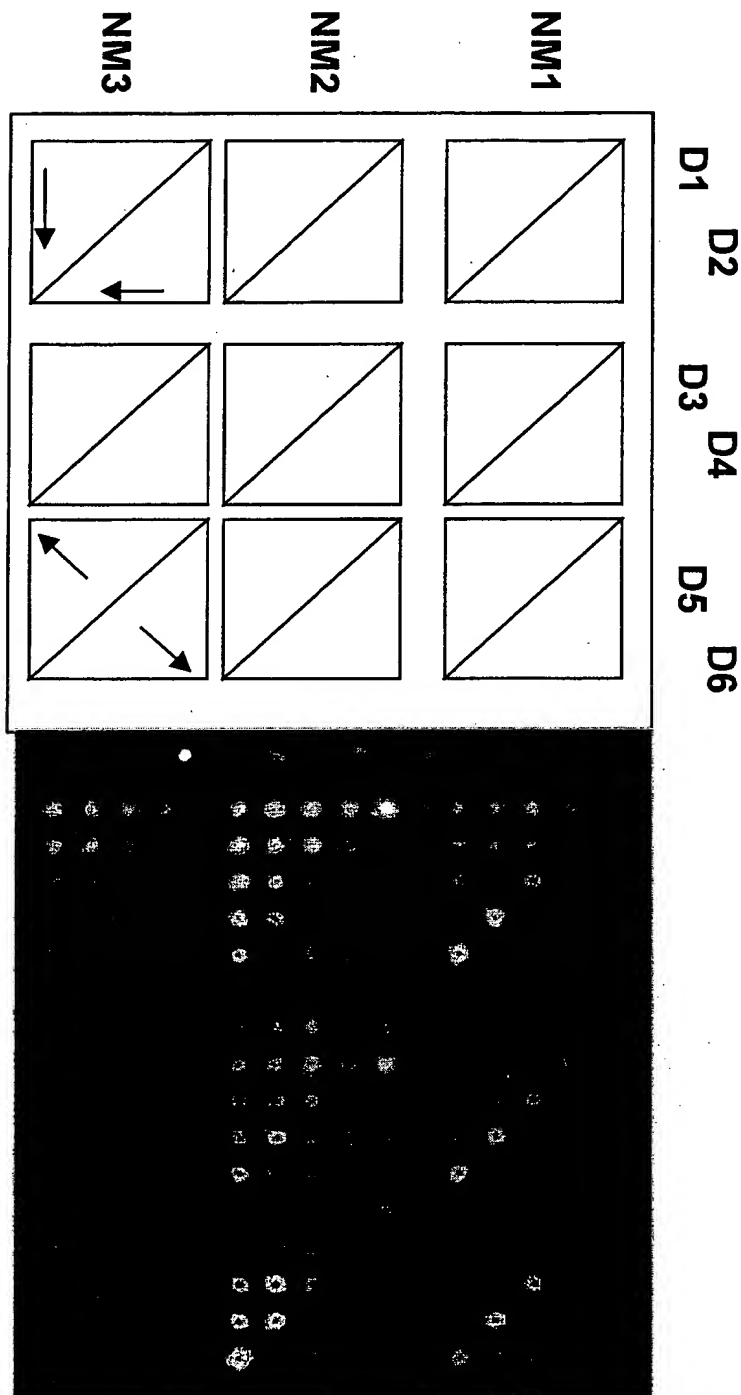


Fig. 20E



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TiO_2	TiO_2	ZrO_2
$\alpha\text{-Al}_2\text{O}_3$	SiO_2	SiO_2
$\gamma\text{-Al}_2\text{O}_3$	Al_2O_3	Al_2O_3

Fig. 20F

